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February 28, 2017

Reference No. 003250

Mr. David Linnear
United States Environmental Protection Agency
Region V, Mail Code (SR-6J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Dear Mr. Linnear:

Re: 2016 Operation and Maintenance Annual Report
Pristine, Inc. Site, Reading, Ohio

Attached for your review are three copies of the 2016 Operation and Maintenance Annual Report (Report) for the Pristine, Inc. Site

Since the ISVE system was deactivated in 2009, the accompanying Zone A and Zone B dewatering pumps are no longer necessary. Therefore, as we discussed previously with the agency, the Trust will shut down the Zone A and Zone B dewatering pumps on April 1, 2017 unless otherwise notified by the agency

Should you have any questions on the above, please do not hesitate to contact us.

Sincerely,

GHD

Henry Cooke

HC/po/11
Encl.

cc: Scott Glum (Ohio EPA)
Ron Pitzer (Pristine Trust)
Martha Farr (Pristine Trust)
David Ross (Pristine Trust)
Steve Haughey (Frost Brown Todd LLC)
Betsy DuSold (Eli Lilly & Company)
Tom Morris (IBM)
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REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

February 28, 2017 Reference No. 003250

Mr. David Linnear
United States Environmental Protection Agency
Region V, Mail Code (SR-6J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Dear Mr. Linnear:

Re: Shutdown of the ISVE Dewatering System
Pristine, Inc. Site, Reading, Ohio

The on-Site dewatering system for Zone A and Zone B at the Pristine site has operated continuously since startup in 1997. In 2009, following the approval of the U.S.EPA, the Site vapor extraction system was deactivated. The dewatering system was designed and operated to facilitate soil vapor extraction in Zones A and B which has been completed.

Hence the operation of the dewatering system is no longer required and we are seeking U.S.EPA approval to deactivate the ISVE dewatering system.

Should you have any questions on the above, please do not hesitate to contact us.

Sincerely,

GHD

Henry Cooke

HC/po/12
Encl.

cc: Scott Glum (Ohio EPA)
Ron Pitzer (Pristine Trust)
Martha Farr (Pristine Trust)
David Ross (Pristine Trust)
Julian Hayward (GHD)

2016 Operation and Maintenance Annual Report

Pristine, Inc. Site
Reading, OH

9033 Meridian Way, West Chester, OH

003250| Report No 90 | February 28, 2017

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1. Introduction

This annual report contains information on the operation and performance of the groundwater extraction and treatment system at the Pristine, Inc Site (Site) in Reading, Ohio for 2016 The original remedial system components include the In Situ Soil Vapor Extraction (ISVE) system, the 150 gallons per minute (gpm) groundwater extraction and treatment system (150 gpm system), and the 300 gpm groundwater extraction and treatment system (300 gpm system). The use and configuration of these components has been optimized and modified at various stages since initial startup in 1997 based on system monitoring results, as explained in this report.

1.1 General

The report was prepared as part of the requirement of the Operation and Maintenance Plan, which is a component of the Final Remediation Design Report, 300 GPM Treatment System, for the Site. This report was prepared by GHD Services Inc (GHD) on behalf of the Pristine Facility Trust Fund (Trust).

1.2 Site Background

1.2.1 Site Location and Setting

The Site is located in Reading, Ohio north of Cincinnati The Site location and Site layout are presented on Figures 1.1 and 1.2, respectively. The Site is approximately 3 acres in size and is located in a highly industrialized area Adjacent industries are located west, south, and east of the Site. A Cincinnati Metropolitan Sewer District (MSD) Sanitary Sewer Overflow (SSO) storage and treatment installation is located to the north. The Site occupies part of the Cincinnati Drum Service Inc. (CDS) property, which is leased from and owned by CAPA Property Management, LLC and Jeffrey D. Long, Trustee. The Site is accessed via the CDS property. Mill Creek is situated immediately west of the CDS facility and generally flows from north to south.

In late 2008, CDS provided notification that drum reconditioning operations at their Reading facility would cease in December 2008. Following the shutdown of CDS drum reconditioning operations, CAPA Property Management retained ownership of the property.

The property to the south is owned by Queen City Group Partners, a real estate investment firm. The former owner, PMC Group, ceased manufacturing operations and started plant decommissioning activities at their property in the fall of 2014. Queen City Group Partners is in the process of demolishing all structures (except for the warehouse) at the plant The eastern limit of the Site is bordered by a railroad spur line formerly owned by The PMC Group and railroad lines operated by Southwest Ohio Regional Transit Authority. A grain elevator is located east of the railroad. Immediately north of the grain elevator and northeast of the Site is a vacant parcel. The land to the north of both the Site and CDS was formerly owned by the City of Reading and is currently owned by the MSD. Historically, part of this area was used for the disposal of fly ash from a municipal waste incinerator (unrelated to historic Site activities). The MSD constructed SSO 700 Storage and Treatment Facilities between 2004 and 2006 on this land. Startup of the SSO 700 Storage and Treatment Facilities began in the fall of 2006.

1.2.2 Overview of Site Operation and Remedial Activities

Until approximately 1970, the entire CDS property was owned by International Minerals Corporation (IMC) which previously used the equipment on the Site for the manufacture of sulfuric acid. The buildings and tanks that were at the Site prior to demolition date back to the IMC operations at the Site Pristine, Inc. conducted liquid waste treatment operations at the Site beginning in 1974. According to the operators of Pristine, Inc., a major portion of the equipment had not been used since IMC was operating the sulfuric acid plant In the spring of 1977, Pristine, Inc. obtained a permit to operate a liquid waste incinerator at the Site. Between the spring of 1977 and September 1981 Pristine, Inc. accepted loads of bulk and drummed waste at the Site Wastes were batched and incinerated in the on-Site incinerator. Neutralization of some liquid wastes was also conducted at the Site. Ohio Environmental Protection Agency (Ohio EPA) files indicate that as many as 8,000 to 10,000 drums were present at the Site in 1979. Operations were shut down in September 1981 under the terms of a Consent Agreement because of complaints about spills and the large inventory of wastes at the Site. When operations were shut down, a large quantity of waste remained at the Site. During the period between September 1981 and October 1984, Pristine, Inc. arranged for the disposal of most of the remaining wastes from the Site and excavated a total of between 620 and 725 cubic yards of soil/sludge.

The Pristine, Inc. Site was placed on the National Priorities List (NPL) in December 1982. In May 1985, the United States Environmental Protection Agency (U.S. EPA) initiated a Remedial Investigation/Feasibility Study (RI/FS) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Camp Dresser & McKee Inc. conducted the RI/FS under contract to the U.S. EPA. The RI/FS was concluded in late 1987. The Record of Decision (ROD) for the Site was signed on December 31, 1987. The ROD included excavation and on-Site consolidation of 1,725 cubic yards of soil and sediment, in situ vitrification of on-Site soils to an average depth of 10 feet, installation of a French drain, extraction from a single on-Site extraction well and on-Site treatment of groundwater from the lower outwash lens and the lower aquifer, demolition, decontamination and off-Site removal of all on-Site structures, access and deed restrictions, and groundwater monitoring.

On March 30, 1990, a ROD Amendment was executed which changed treatment of on-Site soils from in situ vitrification to on-Site thermal incineration and soil vapor extraction. On July 30, 1993, an Explanation of Significant Differences (ESD) was issued that changed the soil treatment from thermal incineration to thermal desorption and revised target soil concentrations for individual Polycyclic Aromatic Hydrocarbons (PAHs) A second ESD was issued in April 1996 that waived the requirement of applying the Ohio EPA anti-degradation rule (OAC 3745-1-05) to the discharge limitations for the future treatment plant water discharged to Mill Creek. A third ESD was issued in July 2011 that revised the Site cleanup standards for groundwater and soil established in the 1990 Remedial Action Plan (RAP) and the 1990 Amendment to the 1987 Record of Decision (ROD)

Remedial activities at the Site included demolition and decontamination of the former IMC structures, thermal treatment of approximately 13,000 tons of impacted soil, construction and operation of an in situ soil vapor extraction system, construction of a cap, and construction and operation of 150 gpm and 300 gpm groundwater extraction and treatment systems As of December 31, 2016, approximately 1.81 billion gallons of extracted groundwater had been treated and approximately 15,634 pounds of volatile organic compounds (VOCs) had been removed from soil by the ISVE system and from groundwater by the extraction and treatment systems.

1.3 Report Organization

This report is organized as follows.

Section 1.0	Introduction
Section 2.0	Presents an Overview of System Operations
Section 3.0	Discusses operation of the In Situ Soil Vapor Extraction System
Section 4.0	Discusses operation of the Lower Aquifer Extraction Systems
Section 5.0	Discusses operation of the Treatment System
Section 6.0	Presents recommended future activities

Appendices to this document include the following

Appendix A	Summary of Monitoring and Operational Information
Appendix B	Calculations – Estimates of VOC Mass Removal from Groundwater and Soil
Appendix C	Figure- Concentrations of 1,2-DCA, TCE, cis-1,2-DCE, and VC at Lower Aquifer Wells
Appendix D	Summary of Operation and Maintenance Sampling and Analysis and Discharge Authorization Letter
Appendix E	Summary of Waste Material Handling
Appendix F	Calculations – Estimated Total VOC Emissions from the Treatment System and VOC Removal by Air Stripper #1

2. Overview of System Operations

2.1 General

2.1.1 Groundwater Extraction and Treatment System

Groundwater extraction and treatment operations in 2016 include pumping from on-Site wells EW1 and GW108, screened in the lower aquifer (LA) and the lower outwash lens (LOL), respectively. The extracted groundwater from these wells was treated within the on-Site treatment plant along with water collected from the Zone A and Zone B ISVE dewatering system (for shallow groundwater).

On-Site groundwater extraction was initiated in 1997 utilizing EW1 and the Zone A and Zone B dewatering system. At that time the water was pumped into the 150 gpm treatment system. In 1998, groundwater extraction from off-Site wells began and was pumped into the 300-gpm treatment system. In addition, pumping groundwater from on-Site LOL well GW108 (installed in October 2007) to the 300 gpm system aeration tank began on April 22, 2008, to remove impacted groundwater from the LOL beneath the south end of the Site. Currently, all extracted groundwater

is routed into a modified 150 gpm treatment system as explained below. A summary of all monitoring and operational information is included herein in Appendix A.

2.1.1.1 Summary of System Modifications (in response to the presence of non-Site-related VOCs in groundwater)

The groundwater extraction and treatment systems names were derived from the designed flow rates of the 150 gpm system and 300 gpm system, respectively. At the suggestion of the U.S. EPA, the extraction well pumping rates of both extraction systems were reduced in March 2002 due to the presence of VOCs in groundwater from other sources located off-Site to the west and southwest of the Site extraction well systems zone of influence These VOCs from non-Site related sources were the subject of a written Force Majeure notice submitted to U.S. EPA on April 2, 2002. The presence of VOCs in lower aquifer groundwater off-Site is discussed further in Section 4.3. The 150 gpm system pumping rate was reduced to approximately 125 gpm. The 300 gpm system pumping rate was reduced to approximately 250 gpm.

On March 16, 2005, a second Force Majeure Notification was issued that alerted the U.S.EPA to elevated concentrations of VOCs at off-site General Electric (GE) monitoring wells OS-MW-1S and OS-MW-1D.

In March 2006, following the approval of the U.S. EPA, a second reduction in the pumping rates of both extraction systems was initiated. This was related to the presence of VOCs from other sources in groundwater at location OS-MW1, a monitoring location established by GE east of the southeast boundary of the GE facility, and to the west of the Site extraction well network. The 150 gpm system and 300 gpm system pumping rates were reduced to approximately 75 gpm each. The reduction in pumping rates included the cessation of pumping at extraction wells EW2 and EW4. The second pumping rate reduction involved some piping modifications at the treatment plant to allow all extracted groundwater to be treated in the 300 gpm system pretreatment tank and clarifier Process water was then pumped through the 150 gpm system multimedia filters, Air Stripper #1 and 1A, the cartridge filters and the carbon vessels prior to discharge to Mill Creek. The 300 gpm system multimedia filters and air stripper (Air Stripper #2) are both idle in the current groundwater treatment configuration

In November 2008, following the submittal of the third Force Majeure Notification letter to the U S. EPA dated November 5, 2008, extraction well EW3 was shut off to reduce further the extraction well system's zone of influence to the west. Extraction well EW3 was shut off because of concerns that a non-Site related VOC plume would potentially interfere with the Site groundwater treatment systems. To compensate for the shut off of extraction well EW3, the pumping rate of extraction well EW5 was increased by approximately 25 gpm to capture impacted groundwater within the Site plume

Air Stripper #1A was deactivated on August 18, 2009, and the ISVE system blowers were deactivated in October 26, 2009, following approval by U.S. EPA in consultation with Ohio EPA In addition, a program to monitor potential rebound of soil gas concentrations was initiated following deactivation of the ISVE system blowers The soil gas concentrations rebound monitoring program was completed in 2010. The ISVE Soil Gas Rebound Testing Report letter was submitted to the U.S.EPA and the Ohio EPA in March, 2011. In September and October 2012, post-ISVE soil and soil gas sampling was conducted per the U.S.EPA approved Post-ISVE Sampling and Analysis Plan dated August 2012.

In May 2011, at the initiation of the Monitored Natural Attenuation Pilot Study, extraction well EW5 was shut off. The third pumping rate reduction involved some piping modifications at the treatment plant. Water from GW108 is combined with extraction well EW1, and Zone A and Zone B groundwater in Aeration Tank #1. The combined flow (approximately 45 gpm) is pumped to the 300 gpm Clarifier, through Air Stripper #1 and the Cartridge Filters, before being discharged to Mill Creek. As part of the modifications, the addition of coagulant and polymer upstream of the 300 gpm clarifier was discontinued. The 150 gpm system Multimedia Filters, Carbon Vessels and Filter Press are not being used in the current groundwater treatment configuration. Extraction well pumps from EW2 through EW5 were removed and transferred to the Site for storage.

A fourth Force Majeure notice was issued on November 5, 2012 that alerted the U.S.EPA to the presence of a non-Site related chlorinated VOC groundwater plume located up gradient to Site monitoring well MW71. No system modifications have yet been made in response to this condition although the potential exists for this upgradient plume to be drawn into EW1

2.1.1.2 Current Treatment System Configuration

The treatment system configuration as of December 31, 2016 is summarized as follows

- Extracted groundwater is pumped into the aeration tank #1 to equalize the flow. The aeration blower is deactivated.
- Water from the aeration tank #1 is pumped to the 300 gpm solids removal system which includes pH adjustment.
- After solids removal the water is transferred to the air stripper #1 for VOC removal. The current operating range of the air stripper is 40 to 50 gpm.
- The air stripper effluent is pumped through the cartridge filters and into the effluent tank which discharges via sewer outfall to Mill Creek.

The current system continues to be referred to as the 150 gpm system, although it has been modified as noted above.

2.1.2 Effluent Water Monitoring

In the original design, treated groundwater from the 150 gpm and 300 gpm systems was combined prior to discharge to Mill Creek, consistent with the current configuration described above. Initially, the combined water discharged to Mill Creek had to meet the discharge limits for 74 parameters as required by U.S.EPA Interim Effluent Limitations letter issued on December 5, 1997. Such interim limits were extended several times until new purported final effluent limitations were issued in October 2000, which, among other things, removed 33 parameters from the sampling list.

A Dissolved Metals Translator (DMT) study completed on February 12, 2002, was used to develop revised discharge limitations for arsenic, copper, lead, and nickel. The revised discharge limitations and monitoring requirements for the Site were presented by the U.S. EPA in a letter dated December 9, 2003. On behalf of the Trust, Conestoga-Rovers & Associates (CRA) sent a letter to the U.S. EPA and the Ohio EPA on January 21, 2004 presenting comments on the December 9, 2003 updated discharge and monitoring letter A letter was received from the U.S EPA dated January 20, 2004, which accepted changes proposed for the Site process water sampling and

analysis However, the approval requested that quarterly sampling and analysis of the 150 gpm influent water for pesticides and PCBs continue. The re-issuance of the discharge authorization for the Site was presented by the Ohio EPA in a letter dated July 28, 2004. The revised purported final effluent limitations for the Site were presented by the U.S. EPA in a letter dated October 21, 2004.

In 2009, a petition requesting modification of the monitoring requirements for select parameters of the treated effluent from the groundwater treatment systems at the Site was submitted to the U.S. EPA. A revised discharge authorization letter, dated November 11, 2009, was received from the U.S. EPA on December 2, 2009 The letter presented modifications to the sampling and analysis requirements for the Site effluent water from the groundwater treatment system.

The total daily volumes discharged from the 150 gpm and 300 gpm systems are listed in the quarterly discharge reports submitted to the U.S. EPA and Ohio EPA. A summary of these volumes for 2016 and prior years is included in Table 2 1.

Note that the amount of water extracted does not exactly correspond to the nominal flow rates consistently. The reasons are related to interruptions in the flow rates and include system alarms that shut down a system and pumps, a high water level in any of the tanks that shut down the pumps, reduced flow rates when a system is in a backwash mode, and when filter screens become increasingly clogged.

2.1.3 Monitored Natural Attenuation Pilot Study Program

In November 2010, the Monitored Natural Attenuation (MNA) Pilot Study Program Work Plan was submitted to the U.S.EPA. The MNA Pilot Study Work Plan presented a proposed method to assess the effectiveness of natural attenuation of VOCs in the lower aquifer groundwater downgradient of the Site. On November 30, 2010, approval to proceed with the MNA Pilot Study Program Work Plan was received from the U.S.EPA The MNA Pilot Study Program was completed in 2014 The MNA monitoring program was comprised of four sampling events in 2012, two sampling events in 2013 and two sampling events in 2014 Additional semi-annual groundwater monitoring events were completed in January 2015 and January 2016. The results of the MNA Pilot Study Program were summarized in an interim report that was submitted to the Agency in June 2015. In June 2016 a letter was sent to the U.S EPA presenting responses to agency comments on the Interim MNA Report.

2.2 150 GPM System

In 2016 the 150 gpm system treated groundwater pumped from on-Site lower aquifer extraction well EW1 (approximately 35 gpm), GW108 (approximately 5 gpm) and the ISVE shallow groundwater extraction system including Zone A and Zone B (approximately 5 gpm) Extraction well EW2 and EW3 were not operated in 2016. The estimated total volume of water treated in 2016 by the 150 gpm treatment system was 20,319,545 gallons.

At the end of 2016, the estimated total volumes of groundwater extracted from Zone A, Zone B, GW108, EW1, EW2 and EW3 since the startup of the 150 gpm system are as shown in Table 2 2.

Table 2.2 - 150 GPM System: Total Gallons of Groundwater Extracted

Zone A shallow groundwater		=33,123,537 gallons
Zone B shallow groundwater		=7,162,065 gallons
On-Site LOL GW108 extraction well		=17,291,659 gallons
On-Site lower aquifer EW1 extraction well		=296,896,315 gallons
Off-Site lower aquifer EW2 and EW3 extraction wells		=392,736,962 gallons
Total		=747,210,538 gallons

The Zone A and Zone B 2016 and historical monthly estimated groundwater pumping volumes are included in Table 2.3. On-Site LOL GW108 extraction well volumes for 2016 and prior years, and monthly estimated groundwater pumping volumes are included in Table 2.4 The 2016 and historical monthly estimated groundwater pumping volumes for extraction wells EW1, EW2, and EW3 are included in Table 2.5 As noted previously herein, extraction wells EW2, and EW3 were not operated in 2016.

2.3 300 GPM System

During 2016, extraction wells EW4 and EW5 were not operated as discussed in Section 2.1

The estimated combined total volume of groundwater extracted from off-Site lower aquifer wells EW4 and EW5 since the startup of the 300 gpm system is 1,058,108,370 gallons.

The historic monthly estimated groundwater pumping rates for extraction wells EW4 and EW5 are included in Table 2.5.

2.4 In Situ Soil Vapor Extraction System

The ISVE system was used to extract soil vapors from below the Site cap in Zone A and from the former magic pit area in Zone B. The extracted vapors from the ISVE system were combined with the air from the 150 gpm treatment system Air Stripper #1. The vapor extraction component of the ISVE system, with the exception of the south branch of the ISVE system trenches, began operation at the startup and commissioning of the 150 gpm treatment system (October 1997). The south branch of the ISVE system began operation in February 1998. Figure 2.1 presents the locations of soil gas probes and piezometers.

Until August 23, 2001, vapors extracted as part of the ISVE system (approximately 1,000 standard cubic feet per minute [SCFM] vapor stream) were combined with a 2,500 SCFM air stream from the 150 gpm treatment system Air Stripper #1 and oxidized in the catalytic oxidizer (Global 40 VTM, Chloro-Cat). Following sulfuric acid scrubbing and quenching, the treated air was discharged to the atmosphere. On August 23, 2001, the catalytic oxidizer and scrubber were decommissioned after determining that VOC concentrations in the combined vapor stream had greatly decreased to where oxidation was no longer needed to achieve air discharge limitations. The combined vapor and air stream was being directed through the de-activated catalytic oxidizer, the scrubber, and the

demister, exiting to the atmosphere via the building stack. Following the deactivation of the ISVE system in 2009, the vapor stream to the catalytic oxidizer only consisted of vapors from Air Stripper #1.

Beginning in April 2008, vacuum was applied only to the trenches in the south branch of the Zone A ISVE system and select wells in the Zone B system to focus vapor extraction in areas where elevated VOC concentrations were detected at gas probes. On October 26, 2009, vapor extraction was interrupted and a program to monitor potential rebound of soil gas concentrations (rebound monitoring program) was initiated, as described in the Round 15 Soil Gas Sampling and Analysis report, after approval was received from U.S. EPA on October 21, 2009.

The rebound monitoring program was conducted to determine the presence and relative concentrations of organic vapors in the Site's soil gas. The data collected during the rebound monitoring program included fluctuating VOC concentrations at numerous soil gas probes. A continuous increase in VOC concentrations (indicating rebound) was not observed at any of the soil gas probes monitored during the measurement period.

The rebound monitoring program report recommended an additional round of soil gas sampling using Tedlar bags and laboratory analysis be conducted in 2011. The additional round included Tedlar bag sampling at all active soil gas probes, with samples analyzed for VOCs using procedures from previous sampling events, in accordance with the Quality Assurance Project Plan (QAPP). Following the receipt of the analytical results from the additional soil gas probe sampling event (Round 16), the ISVE Soil Gas Rebound Testing Report letter was submitted to the U.S.EPA and the Ohio EPA on March 23, 2011. The report recommended that Pristine Facility Trust Fund proceed with confirmatory soil sampling in 2012.

Following the U.S.EPA approval of the Post-ISVE Sampling and Analysis Plan report, soil and soil gas sampling was conducted at the Site in September and October 2012.

Soil gas sampling was conducted at 10 selected existing soil gas probes, located adjacent to the treatment building. Due to the presence of moisture, soil gas probe N6BB was sampled instead of N6CC and soil gas probe N9BB was sampled instead of N9CC. A second round of soil gas sampling was conducted in March 2013.

A total of 46 locations were identified in the Operation and Maintenance Sampling and Analysis Plan (SAP) where soil samples would be collected for VOC analysis. Soil samples were not collected at locations SBB47, SBA38 and SBA19 due to the presence of underground utilities. Following the completion of the second round of soil gas sampling, the results of the post-ISVE sampling were presented in a report submitted to the U.S.EPA and the Ohio EPA in August 2013.

The data collected during the post-ISVE sampling were used to update the Pristine Human Health Risk Assessment Report, which was resubmitted on June 27, 2014. U.S.EPA approval of the updated Pristine Human Health Risk Assessment Report was received in an email dated November 10, 2014.

The dewatering system for Zone A and Zone B has operated continuously since startup in 1997. The system was designed and operated to facilitate soil vapor extraction in Zones A and B which has been completed. Hence, the operation of the dewatering system is no longer required and we hereby submit a separate proposal concurrently with this Report that such system be shut down.

2.5 Estimate of VOC Mass Removed from Groundwater and Soil Vapor

VOC mass removal from groundwater and soil is estimated based on monitoring results from the influent to the treatment system. These calculations are intended for use in identifying general trends and relative contribution of various extraction points. The total calculated gross VOC mass removed from extracted groundwater in 2016 is approximately 7.4 lbs, representing less than 0.1 percent of the overall total. Tables B.1 and B.2 in Appendix B include the calculations, based on water influent data for the systems. Estimated gross VOC mass removed from extracted groundwater since the startup of the 150 gpm treatment and 300 gpm treatment systems is included in Tables B.3 and B.4.

The total calculated VOC mass removed from the ISVE system extracted soil vapor in 2016 is 0 lbs since the system has been shut down. Estimated VOC mass removed from the ISVE system extracted soil vapor over the operational time of the ISVE system is included in Table B.5.

Table B.7 includes a summary of VOC mass removed from extracted groundwater and soil gas from 1997 to the present. It includes both the gross VOC masses removed with the extracted groundwater and soil vapor, and the VOC mass removed from extracted water and air by the treatment systems. The estimated VOCs removed from the various systems (in lbs) are summarized below in Table 2.6.

Table 2.6 - Estimated VOCs Extracted Summary Table

Calendar Year	150 GPM, Zone A and Zone B Extraction Systems (lbs)	300 GPM Extraction System (lbs)	ISVE System – Soil Vapor (lbs)
1997	298.2*	Not commissioned	129.5*
1998	4618.3	18.4*	880.3
1999	3475.4	540.1	85.0
2000	1589.9	705.9	93.2
2001	867.8	353.0	119.2
2002**	417.8	104.6	99.7
2003	244.7	69.7	77.9
2004	198.6	45.3	44.1
2005	128.0	28.8	36.3
2006***	70.5	8.7	12.2
2007	46.5	7.2	11.4

Calendar Year	150 GPM, Zone A and Zone B Extraction Systems (lbs)	300 GPM and GW108 Extraction Systems (lbs)	ISVE System – Soil Vapor (lbs)
2008****	44.2	15.3	21.6
2009	19.5	8.3	5.9
2010	16.8	7.1	0
2011*****	14.0	2.5	0
Calendar Year	**150 GPM, GW108, Zone A and Zone B Extraction Systems (lbs)**	**300 GPM Extraction System (lbs)**	**ISVE System – Soil Vapor (lbs)**
2012	15.4	0	0
2013	10.5	0	0
2014	9.5	0	0
2015	9.8	0	0
2016	7.4	0	0
Total	**12,102.8**	**1,915.0**	**1,616.5**

* Partial year of operation

** The 150 gpm and 300 gpm groundwater extraction systems were reduced to approximately 125 gpm and 250 gpm respectively in March 2002

*** The 150 gpm and 300 gpm groundwater extraction systems were each reduced to approximately 75 gpm in March 2006

**** The 150 gpm groundwater extraction system pumping rate was reduced to approximately 40 gpm and the 300 gpm groundwater extraction system pumping rate was increased to approximately 100 gpm, on November 11, 2008. Pumping of groundwater from LOL well GW108 to the 300 gpm aeration tank began on April 22, 2008. Modification of the ISVE system was initiated in April 2008. The ISVE vapor extraction system was deactivated in October 2009.

***** In May 2011 extraction well EW5 was shut off and the groundwater extraction systems were reduced to approximately 50 gpm.

****** The calculated lbs. removed from the 150 gpm groundwater extraction system were adjusted between 2010 and 2015 to correct for a flow rate discrepancy.

The current trends for VOC mass removed from groundwater pumped from the 150 gpm aand Zone A and Zone B extraction systems (i.e., excluding contributions from GW108) are downward. This is consistent with the decreasing concentrations of VOCs detected in the influent from the respective extraction systems and the decreasing concentrations of VOCs in monitoring well samples. The increase in the mass removed in 2008 under the "300 gpm Extraction System and GW108" column in the table is attributable to the elevated VOC concentrations initially observed in groundwater at GW108 and the increased pumping applied at EW5.

3. Groundwater Extraction System Operation and Maintenance

3.1 ISVE Dewatering System

The ISVE groundwater extraction (Zone A and Zone B dewatering) system operation and maintenance consisted of the following activities.

- changing compressor oil and filters
- inspecting valve assemblies at compressors
- draining condensate from compressor airlines
- inspecting and changing air filters in the compressors
- adjusting flow to all ISVE system pneumatic pumps
- adjusting belts on ISVE system compressors
- pumping water out of well chambers (when necessary)
- testing relief valves on compressor units
- sealing miscellaneous air leaks in the pneumatic groundwater pumping system
- removal and cleaning of pneumatic groundwater pumps
- optimizing operation of the satellite controllers on the pneumatic groundwater pumping system
- installing new "duck bill" check valves and pneumatic control solenoids when necessary at ISVE system well chambers to improve pumping rates

Additional maintenance of the groundwater extraction system will be conducted during 2017 operations as required.

3.2 Lower Aquifer Extraction Wells

Lower aquifer groundwater extraction systems operation and maintenance consisted of the following activities, as necessary:

- Yearly cleaning of extraction wells
- Yearly maintenance of extraction well pumps
- Maintenance of flow meters and flow control valves

In May 2016, extraction well EW1 screen and sand pack were power washed using compressed nitrogen gas. The extraction well pump was removed, cleaned and inspected. Prior to the cleaning, calcium hypochlorite was added to the extraction well. Decommissioned off-Site extraction wells EW2, EW3, EW4, and EW5 were not chlorinated. As part of the decommissioning of the off-Site extraction wells, the pumps and drop pipe were previously removed from each well and transferred to the Site treatment building for storage.

3.3 Extraction Well GW108

During the maintenance shutdown in May 2016, the pump in extraction well GW108 was removed and dismantled. The pump's internal parts were cleaned to remove buildup and improve the pneumatic pumps operation. Following cleaning the pump was reinstalled in the extraction well

4. Groundwater Monitoring

4.1 ISVE System

The annual sampling event (Round 46) included groundwater sampling of Zone A and Zone B influents. Table 4.1 presents Zone A and B influent analytical results.

Four rounds of hydraulic monitoring of the shallow groundwater monitoring wells and piezometers were completed in 2016. Table 4 2 presents a summary of the water elevation measurement data recorded since June 9, 1998 (i.e , from the beginning of quarterly shallow aquifer monitoring). The locations of the shallow groundwater monitoring wells and piezometers are illustrated on Figure 4.1.

4.2 Extraction Wells - EW1 and GW108

The annual sampling event (Round 46) included groundwater sampling of LA extraction well EW1 and LOL extraction well GW108. The analytical results are included in Table 4 3.

4.3 Monitoring Well Sampling

The SAP for the Site requires that specific groundwater monitoring wells be sampled on an annual basis. The sampling events conducted in 2016 include one semi-annual (Round 45), and one annual (Round 46) groundwater sampling round.

The semi-annual groundwater sampling event (Round 45) was conducted in January 2016 The semi-annual sampling event included collecting groundwater samples from lower aquifer monitoring wells MW87, MW91, MW92, MW94, MW95, and MW101. The Round 45 event also included the sampling of lower aquifer piezometers PZ3 through PZ6, PZ7S and PZ7D. Groundwater samples were collected from all monitoring wells and piezometers using low flow sampling methods All groundwater samples were analyzed for Site-specific VOCs.

The scope of the annual sampling event (Round 46) conducted in July through August 2016 is summarized below.

- Groundwater samples from lower aquifer monitoring wells MW68 through MW89 and MW91 through MW106 were analyzed for the Site-specific VOCs and arsenic
- Groundwater samples from upper aquifer wells GW50, GW53, GW63, GW64, GW65, and GW66, and off-Site upper aquifer well MW107 were analyzed for the Site-specific VOCs
- Groundwater samples from LOL well GW109 (and extraction well GW108) were analyzed for the Site-specific VOCs.
- Groundwater samples from lower aquifer piezometers PZ3 through PZ6, PZ7S and PZ7D were analyzed for the Site-specific VOCs.

All groundwater samples from the sampling event were submitted to TestAmerica of North Canton, Ohio for analyses All analyses were performed in accordance with the SAP, including the QAPP. The analytical results for Rounds 45 and 46 are summarized in Tables 4.4, and 4 5 respectively. Hydraulic monitoring was conducted at all monitoring wells immediately prior to the start of sampling. The order of sampling was revised to reflect the VOC concentrations reported for the previous round of sampling When possible, wells were sampled in order of increasing VOC concentrations.

The results of the Round 46 sampling event are provided in the GHD letter dated October 24, 2016 and indicate the presence of various VOCs in upper aquifer and lower aquifer groundwater In general, VOC concentrations in Round 46 are significantly lower than the historic maximum values that were observed during the early stages of the groundwater extraction system operations In Round 46 the VOCs that were detected at concentrations above Site-specific cleanup levels in one or more samples include: 1,2-dichloroethane (1,2-DCA); benzene; tetrachloroethene (PCE); trichloroethene (TCE), and vinyl chloride Consistent with historic results, 1,2-DCA remains as the VOC with highest concentrations at and near the Site.

It is noted that the presence of other VOCs at certain monitoring wells has been the subject of separate investigations by others The presence of TCE at off-Site monitoring wells located to the southwest of the Site plume area, e g., MW98, MW102, and MW104, is not consistent with the VOC plume associated with the Site. U.S. EPA and Ohio EPA have acknowledged that the presence of TCE in this area is not consistent with the Site as its source. The agencies have undertaken studies to assess possible sources of TCE contamination near these monitoring wells These studies were most recently documented in a report titled, "Hydrogeology and Ground-Water Quality, Reading and Lockland, Ohio", by the U.S. Geological Survey, Reston, Virginia 2004. In addition, the presence of cis-1,2-dichloroethene (cis-1,2-DCE) and other VOCs at monitoring wells to the west of the plume area, e g., MW92 and MW93, is believed to be associated with other industrial facilities and/or operations. As noted previously, the presence of a non-Site related chlorinated VOC groundwater plume located up gradient to Site monitoring well MW71 was noted in a Force Majeure letter sent to the U.S.EPA, dated November 5, 2012.

Figure 4.2 illustrates the 1,2-DCA plume area based on Round 46 results and outlying locations where VOCs are detected at concentrations above Site-specific cleanup standards The results from the outlying locations are indicative of non-Site-related impacts as discussed above.

4.4 Hydraulic Monitoring

Hydraulic monitoring was conducted quarterly during 2016, as part of the requirements of the Operation and Maintenance Sampling and Analysis Plan for the Site. Table 4.6 presents a

summary of the water elevations recorded from the lower aquifer well network during 2016 and previous years

Potentiometric surface contours recorded as part of the quarterly monitoring on January 12, July 1, July 11, and December 13, 2016 are presented on Figures 4.3, 4.4, 4.5, and 4.6, respectively. Note that each figure includes the average pumping rate of each extraction well for an approximate 4-week period immediately preceding the hydraulic monitoring. The average pumping rates are calculated from the daily records of extraction well flow volumes. In 2016, extraction well EW1 was operational and EW2, EW3, EW4 and EW5 were all idle as indicated by "0" pumping rates. A summary of modifications to the operation of the off-Site extraction wells is included in Section 2.1.1.

5. Treatment System

5.1 System Operation and Maintenance

Treatment system operation and maintenance consisted of daily, weekly, monthly, and quarterly activities conducted to maximize treatment system on-line time. Operations and maintenance activities are listed below.

- removing sediment buildup in aeration tanks
- cleaning the clarifier
- calibrating pH probes
- maintaining flow meters and flow control valves
- greasing bearings
- changing fan belts
- changing oil in pumps and compressors
- changing cartridge filters
- inspecting clarifier taps
- refilling acid tank
- disassembling, cleaning and reassembling sludge pumps
- clearing all process strainers
- inspecting water lines from off-Site extraction wells
- inspecting off-Site extraction well chambers
- shipping waste to approved off-Site facilities
- decanting sludge tank water
- calibrating pressure transmitters in the operational air strippers
- maintaining safety equipment

5.2 System Monitoring

Treatment system monitoring consisted of weekly maintenance monitoring of the extraction well network, the underground forcemains, and the groundwater treatment system. Quarterly monitoring of the extraction well chambers, extraction well pumps, heat, ventilation and air conditioning system, and fire protection system was conducted. Results of weekly and quarterly treatment system monitoring were forwarded to the U.S EPA and Ohio EPA, with each quarterly letter report for the Site. A summary of all monitoring and operational information is included in Appendix A.

5.3 Discharge Limitations

Presently, groundwater pumped from the EW1, GW108 and ISVE dewatering (from Zones A and B) are combined and treated in the 150 gpm treatment system and subsequently discharged to Mill Creek, hereafter referred to as the Total Effluent. The 300 gpm extraction system is idle In the past when groundwater extraction flow rates and VOC concentrations were higher, groundwater from the 150 gpm treatment system and 300 gpm system were combined after treatment before being discharged to Mill Creek

A copy of the discharge authorization letter that includes effluent limitations and monitoring requirements for the Site is provided in Appendix D. A summary of the analytical results from groundwater treatment system sampling for 2016 is provided in Appendix D. During the period January 1, 2016 to December 31, 2016, there were no reported values above the effluent limitations in samples of the treatment system discharge water (Total Effluent).

During 2016, treated groundwater effluent sampling and analyses for VOCs and semi-volatile organic compounds (SVOCs) were conducted monthly. Metals and general chemistry analyses of the effluent were conducted weekly, biweekly, or monthly as required by the Site discharge authorization. Acute toxicity (Ceriodaphnia dubia and Pimephales promelas) analyses of the effluent were conducted quarterly during 2016. In addition, the cumulative volume discharged to Mill Creek was recorded daily.

Monitoring data are reported to U.S. EPA and Ohio EPA on a monthly basis. Individual reports containing preliminary analytical data for each month are submitted by the 15th day of the following month Corrected reports are subsequently issued, if required, in the next monthly report following validation of the data

5.4 Waste Disposal

Documentation of the waste material shipped off-Site as part of the treatment system operation and maintenance is presented in Appendix E. Information regarding the disposal method of waste material (hazardous and non-hazardous) and the date when the waste was generated is included in Table E.1.

5.5 Air Emissions Monitoring

5.5.1 Emissions Monitoring

The potential VOC emission points for the treatment facility included. the discharge from the catalytic oxidizer stack (deactivated on August 23, 2001) including air from Air Stripper #1 and the ISVE system (deactivated on October 26, 2009); Air Stripper #1A (deactivated on August 18, 2009);

and the 300 gpm system aeration tank (deactivated in May 2011) Analytical results from both water and air samples are used to calculate estimated VOC emissions from the treatment facility Analytical results of an air sample collected from the vapor stream from Air Stripper #1 (there was no air flow from the deactivated ISVE system in 2016), are presented in Table 5.1. VOC emissions from Air Stripper #1A were zero in 2016 because the equipment was deactivated Samples associated with the 300 gpm system air stripper (Air Stripper #2) were not collected in 2016 because this equipment is deactivated.

5.5.2 Estimated Total VOC Emissions

Table F 1, in Appendix F, summarizes the estimated total VOC emissions for 2016. The estimated VOC emission rate during 2016 was 0.0026 lbs/hr or 0.063 lbs/day based on a sample collected in July of the air stream from Air Stripper #1. Based on this estimated value and operating time of approximately 345 days over the year, it is estimated that 0.0109 ton (21 8 lbs) of VOC were emitted in 2016. The emission rates presented in Table F 1 are orders of magnitude below the allowable levels of 8 lbs/hr and 40 lbs/day established by the Ohio EPA and did not exceed the Ohio EPA Maximum Acceptable Ground Level Concentration (MAGLC) values

5.6 VOC Removal Efficiency of Air Strippers

As part of the requirements of the Operation and Maintenance Sampling and Analysis Plan, the VOC removal efficiency of Air Stripper #1 was calculated to be 100 percent and is presented in Table F.2 The removal efficiency of Air Strippers #1A and #2 were not calculated since the equipment was inactive in 2016.

5.7 Treatment System Modifications and Optimizations

During 2016, various treatment system modifications were implemented to optimize the operation of the 150 gpm treatment system These modifications or optimizations, presented below, were implemented to improve effluent water quality, and to minimize treatment system downtime.

5.7.1 Maintenance of Extraction Well EW1 Well Screens

During the 2016 maintenance shutdown, the EW1 well screens (3 sections) were cleaned using pressurized nitrogen gas (BoreBlast well cleaning procedure) Prior to the BoreBlast procedure, calcium hypochlorite was added to the well and the well screens were water jetted as part of a program to improve the yield from the extraction well.

5.7.2 Installation of a New HVAC Unit for the Control Room

In the fall of 2016, the Heating/Ventilation/Air Conditioning (HVAC) unit that maintains the temperature in the control room failed and was replaced with a new Lennox HVAC unit.

6. Future Activities

The 2017 Operation and Maintenance (O&M), sampling and analyses activities began on January 1, 2017

An additional semi-annual groundwater sampling event to supplement the groundwater monitoring database, was completed in January 2017. The annual groundwater monitoring event is scheduled to occur in mid-2017

As stated in Section 2.4, the operation of the ISVE dewatering system is no longer required, and we are therefore submitting concurrently with this Report a separate written proposal that it be shut down in 2017.

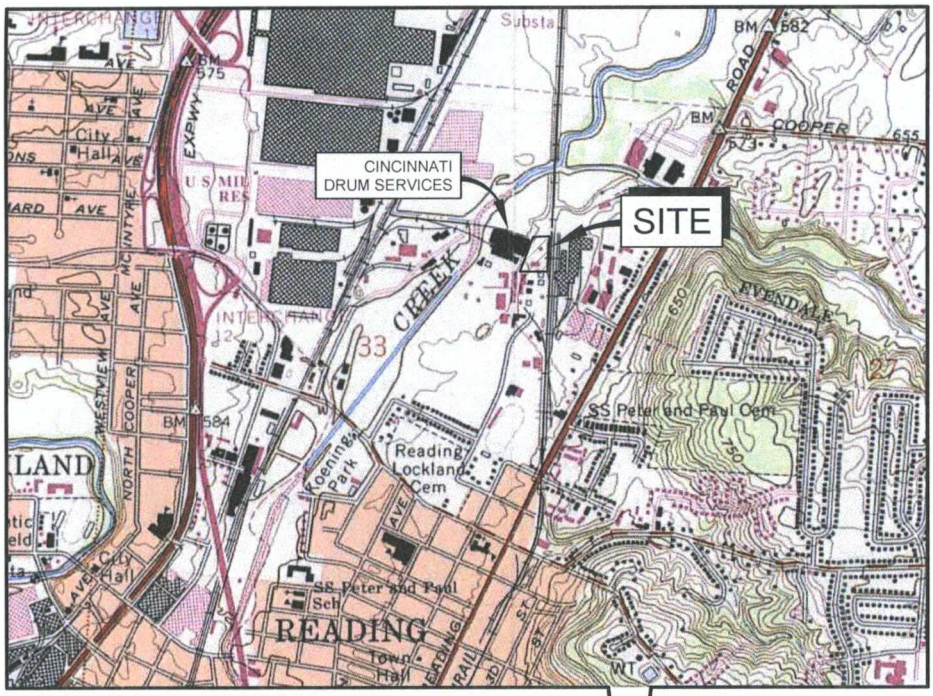
All of Which is Respectfully Submitted,

GHD

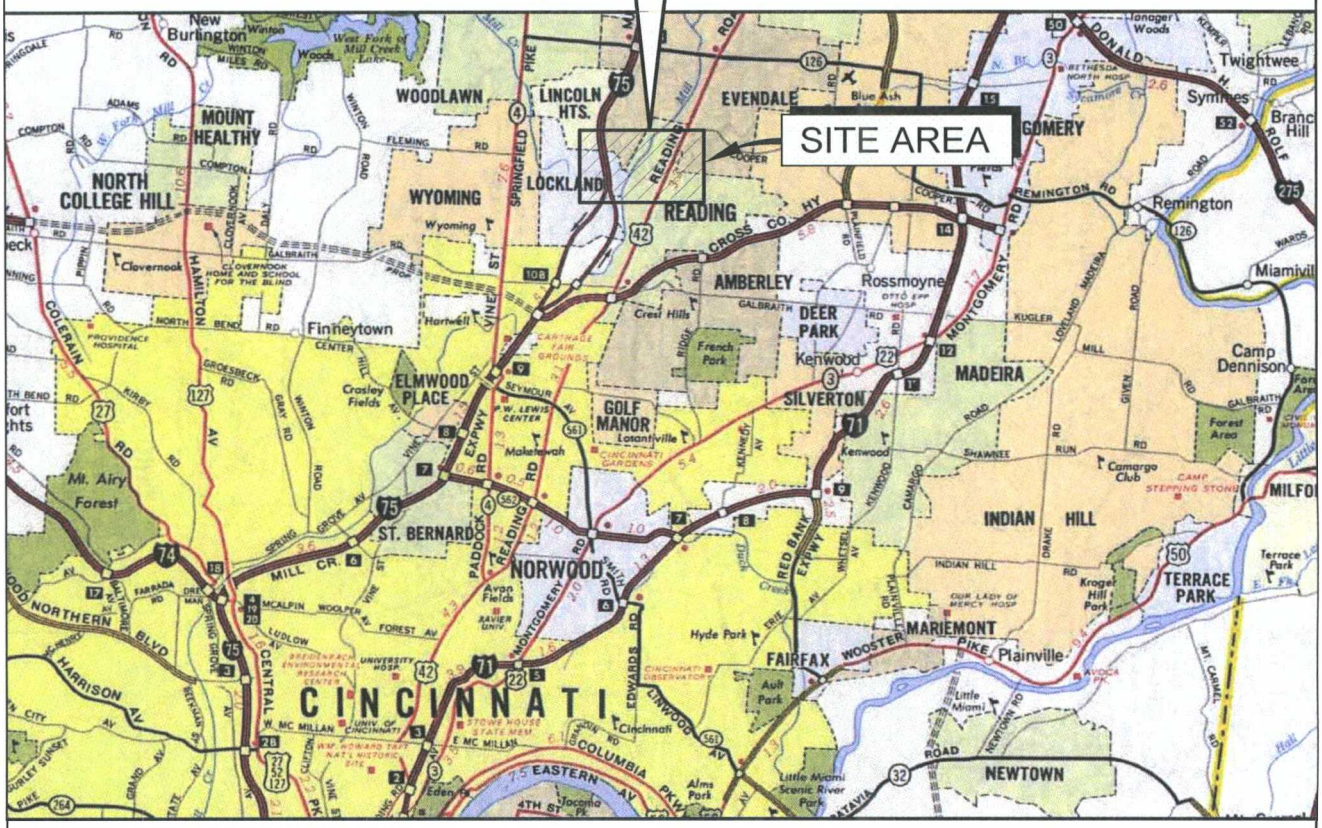
Henry Cooke

Rob Harris

Figures



SOURCE: USGS QUADRANGLE MAP;
CINCINNATI EAST, OHIO



SOURCE: 1991 GOUSHA ROAD ATLAS

figure 1.1

SITE LOCATION

Pristine, Inc. Site

GHD

03250-02(090)GN-WA001 FEB 21, 2017

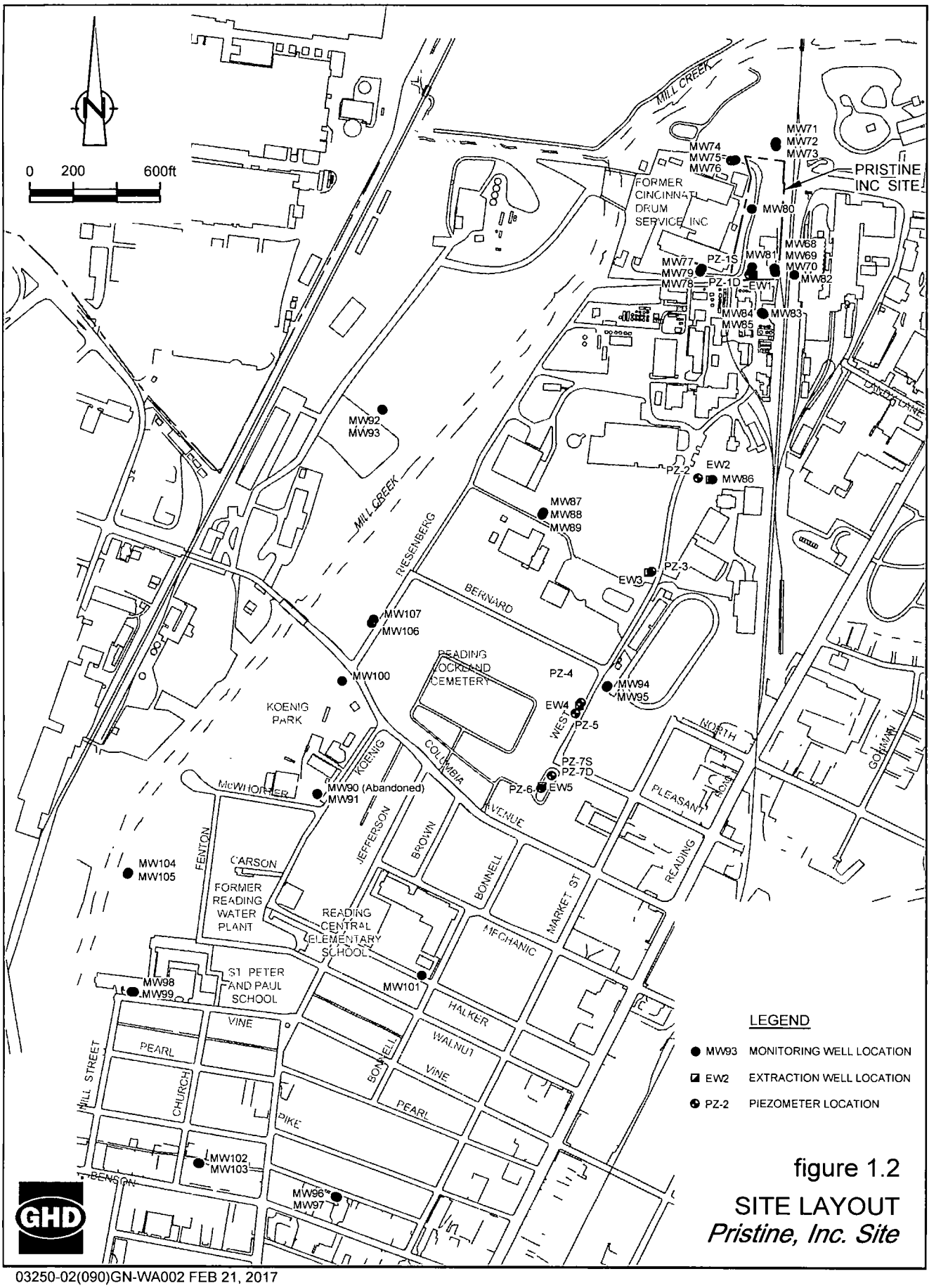
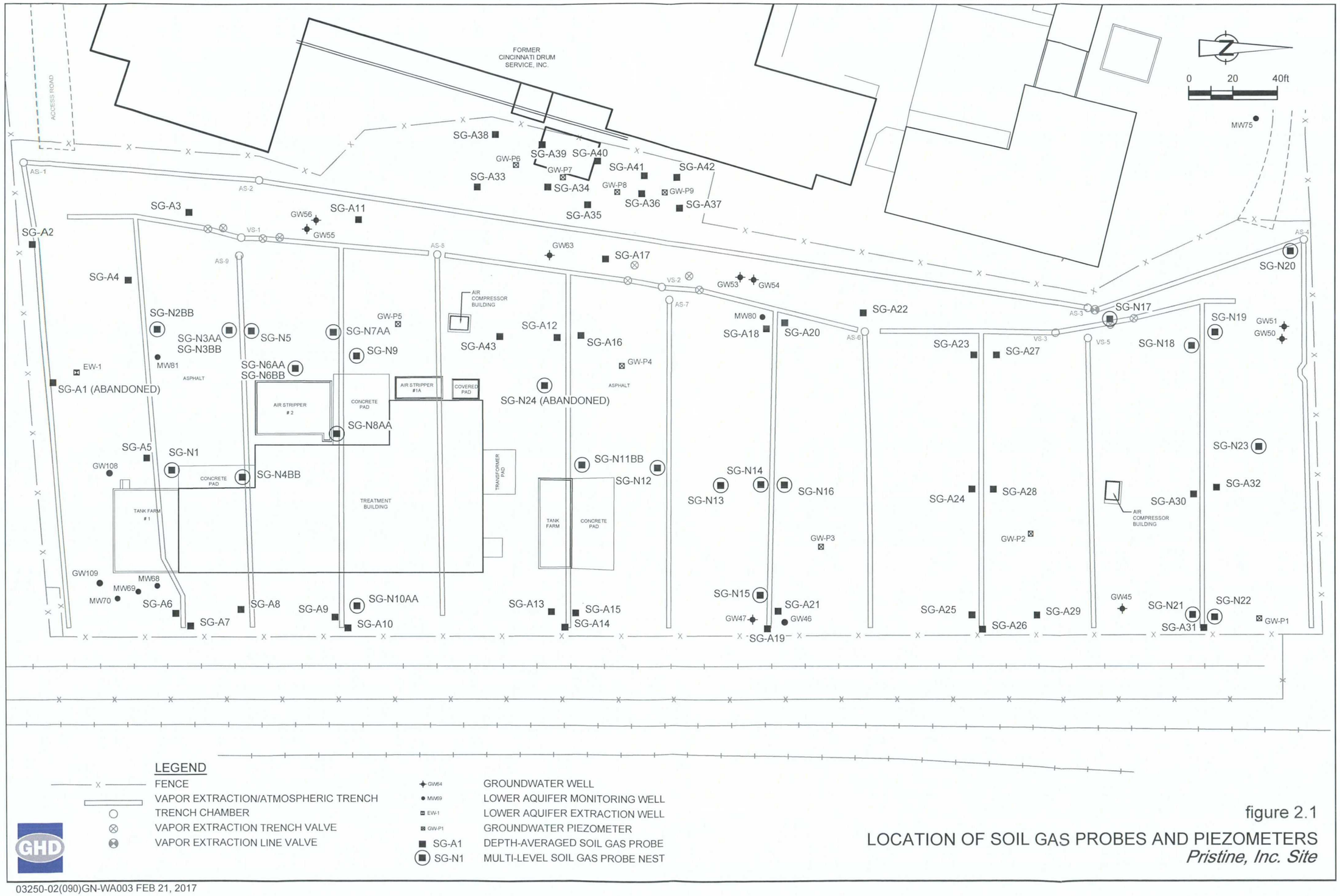


figure 1.2

SITE LAYOUT

Pristine, Inc. Site

03250-02(090)GN-WA002 FEB 21, 2017



LEGEND

FENCE	GROUNDWATER WELL
VAPOR EXTRACTION/ATMOSPHERIC TRENCH	LOWER AQUIFER MONITORING WELL
TRENCH CHAMBER	LOWER AQUIFER EXTRACTION WELL
VAPOR EXTRACTION TRENCH VALVE	GROUNDWATER PIEZOMETER
VAPOR EXTRACTION LINE VALVE	SG-A1 DEPTH-AVERAGED SOIL GAS PROBE
	SG-N1 MULTI-LEVEL SOIL GAS PROBE NEST

GHD

figure 2.1

LOCATION OF SOIL GAS PROBES AND PIEZOMETERS

Pristine, Inc. Site

03250-02(090)GN-WA003 FEB 21, 2017

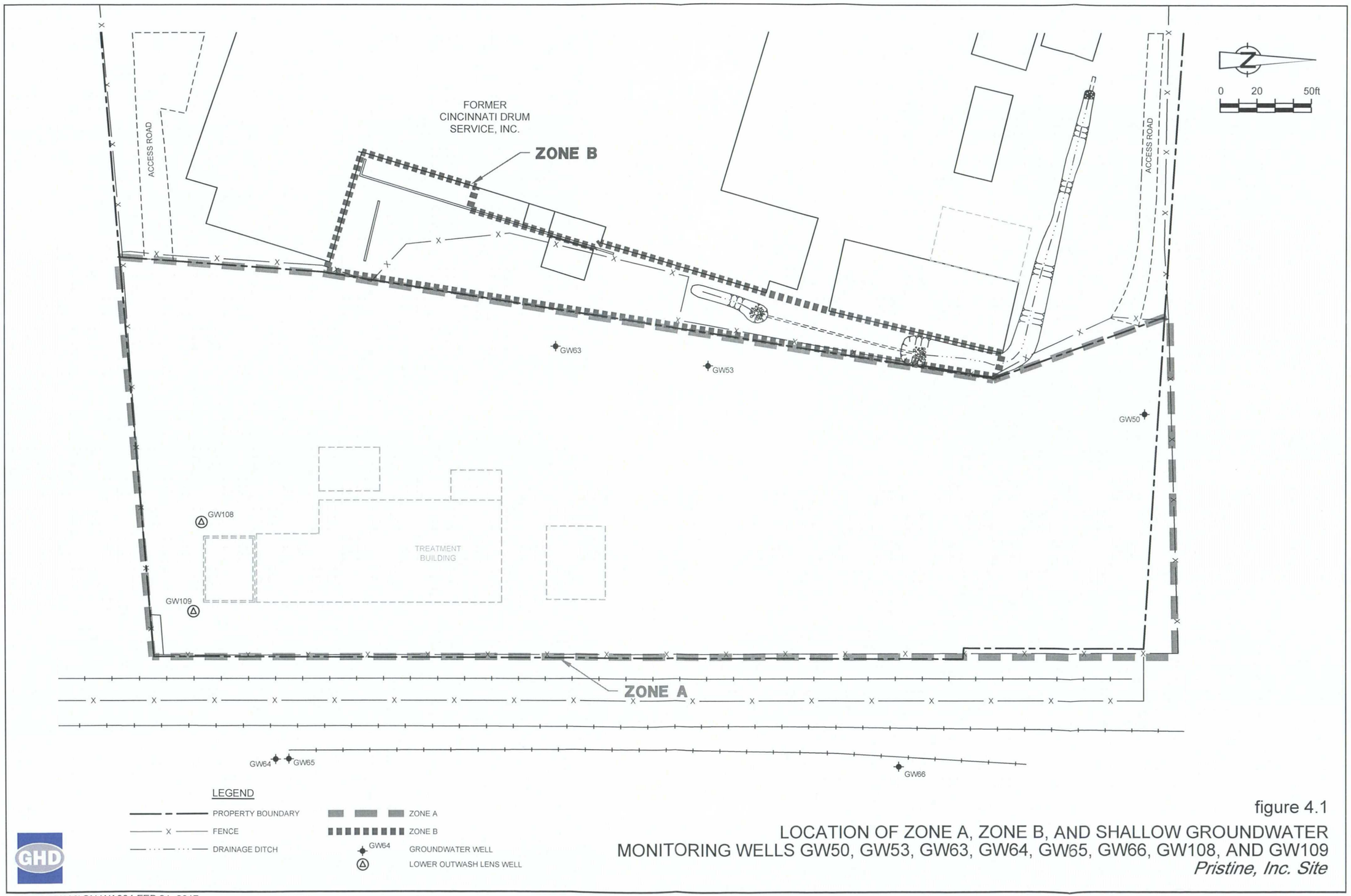


figure 4.1

LOCATION OF ZONE A, ZONE B, AND SHALLOW GROUNDWATER MONITORING WELLS GW50, GW53, GW63, GW64, GW65, GW66, GW108, AND GW109

Pristine, Inc. Site

03250-02(090)GN-WA004 FEB 21, 2017

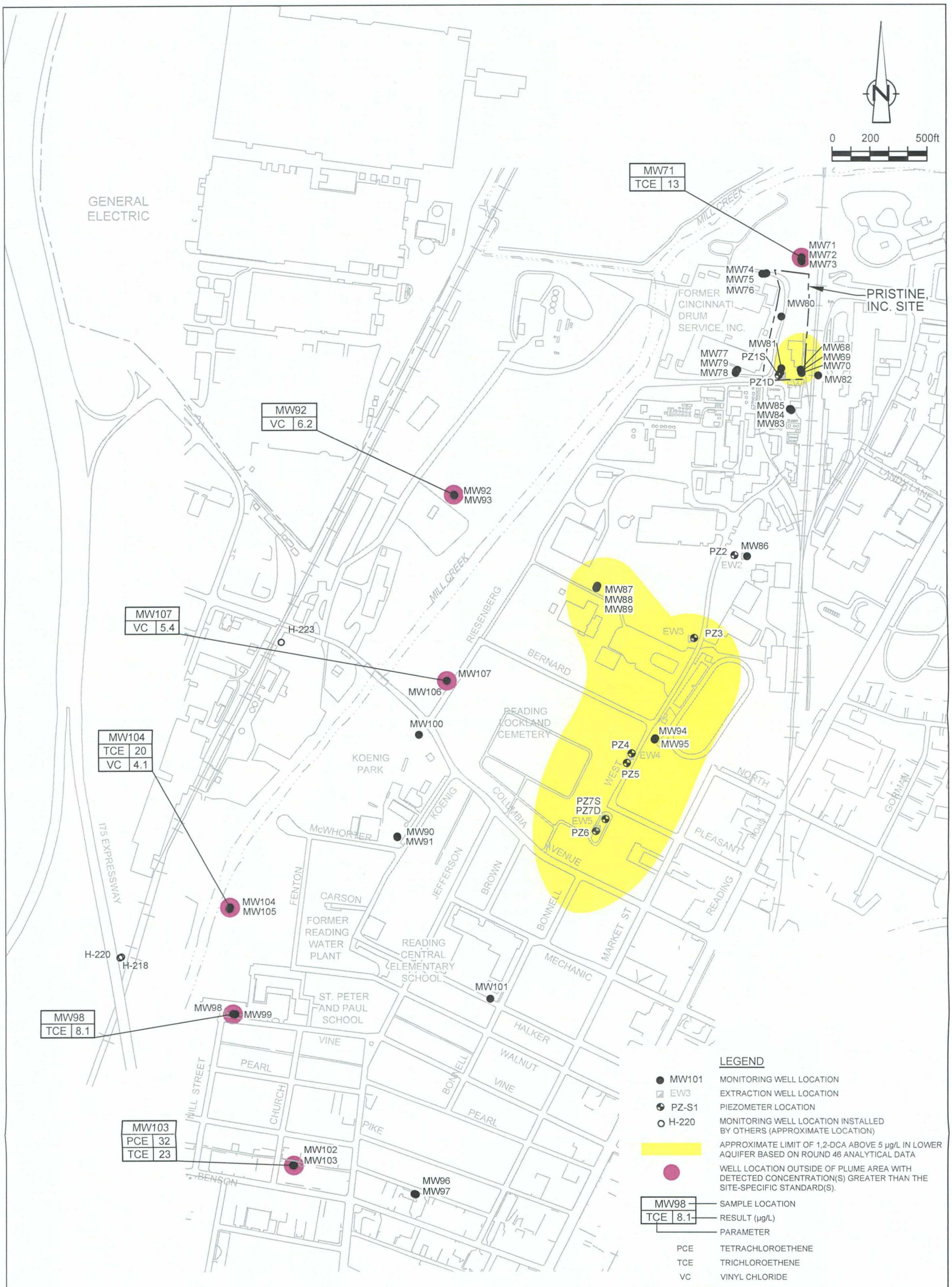


figure 4.2

1,2-DICHLOROETHANE (1,2-DCA) PLUME AREA AND SELECTED VOC RESULTS
ROUND 46
Pristine, Inc. Site

BASE SOURCE: CAGIS, 2007.

03250-02(090)GN-WA005 FEB 24, 2017

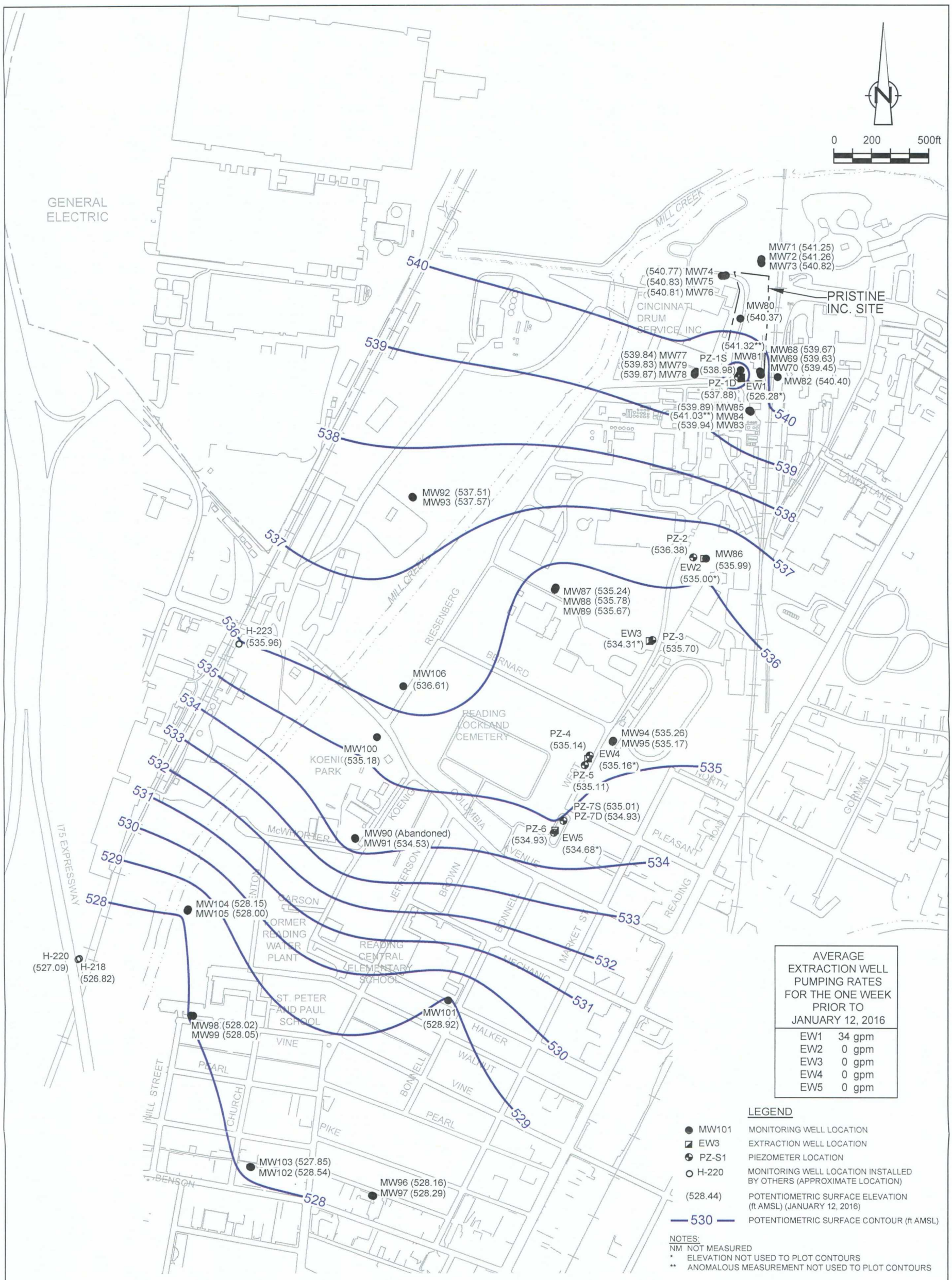
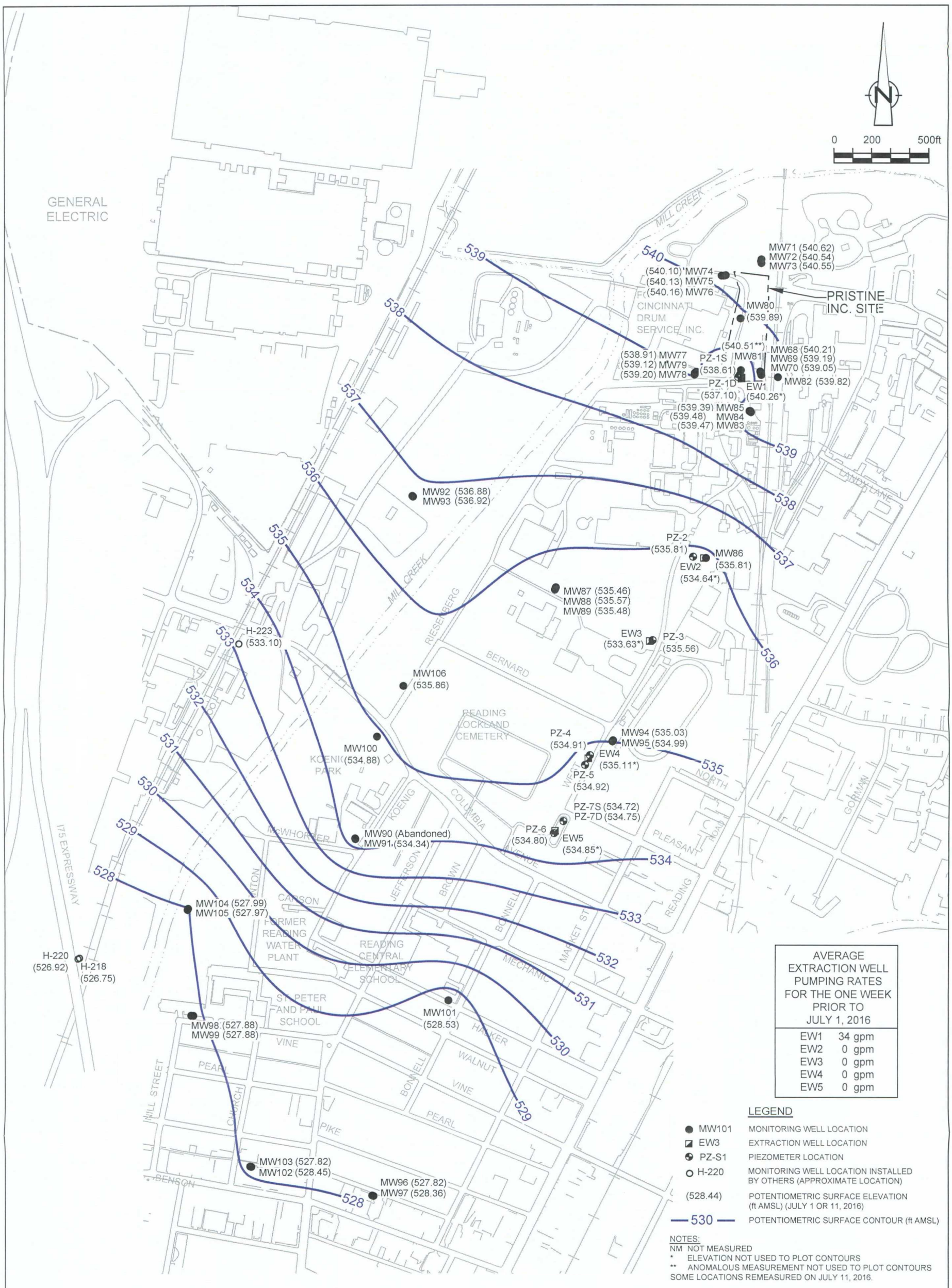


figure 4.3

POTENTIOMETRIC SURFACE CONTOUR MAP - LOWER AQUIFER
JANUARY 12, 2016
Pristine, Inc. Site

BASE SOURCE: CAGIS, 2007.

03250-02(090)GN-WA006 FEB 21, 2017



AVERAGE EXTRACTION WELL PUMPING RATES FOR THE ONE WEEK PRIOR TO JULY 1, 2016	
EW1	34 gpm
EW2	0 gpm
EW3	0 gpm
EW4	0 gpm
EW5	0 gpm

LEGEND

● MW101	MONITORING WELL LOCATION
◪ EW3	EXTRACTION WELL LOCATION
⊕ PZ-S1	PIEZOMETER LOCATION
○ H-220	MONITORING WELL LOCATION INSTALLED BY OTHERS (APPROXIMATE LOCATION)
(528.44)	POTENTIOMETRIC SURFACE ELEVATION (ft AMSL) (JULY 1 OR 11, 2016)
—530—	POTENTIOMETRIC SURFACE CONTOUR (ft AMSL)

NOTES:
NM NOT MEASURED
* ELEVATION NOT USED TO PLOT CONTOURS
** ANOMALOUS MEASUREMENT NOT USED TO PLOT CONTOURS
SOME LOCATIONS REMEASURED ON JULY 11, 2016.

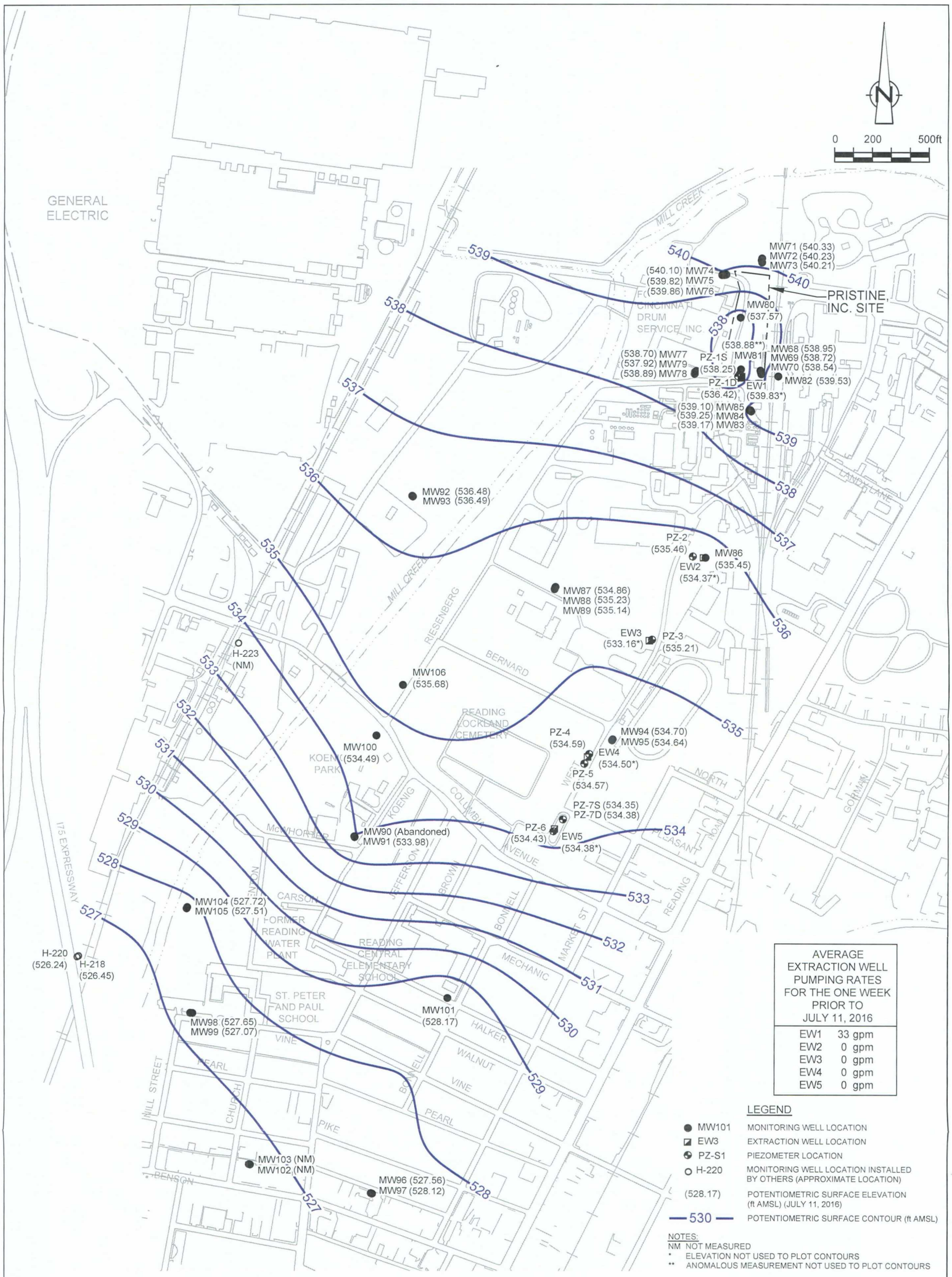
figure 4.4

POTENTIOMETRIC SURFACE CONTOUR MAP - LOWER AQUIFER
JULY 1, 2016
Pristine, Inc. Site

GHD

BASE SOURCE: CAGIS, 2007.

03250-02(090)GN-WA007 FEB 21, 2017



AVERAGE EXTRACTION WELL PUMPING RATES FOR THE ONE WEEK PRIOR TO JULY 11, 2016	
EW1	33 gpm
EW2	0 gpm
EW3	0 gpm
EW4	0 gpm
EW5	0 gpm

LEGEND

● MW101	MONITORING WELL LOCATION
EW3	EXTRACTION WELL LOCATION
PZ-S1	PIEZOMETER LOCATION
○ H-220	MONITORING WELL LOCATION INSTALLED BY OTHERS (APPROXIMATE LOCATION)
(528.17)	POTENTIOMETRIC SURFACE ELEVATION (ft AMSL) (JULY 11, 2016)
—530—	POTENTIOMETRIC SURFACE CONTOUR (ft AMSL)

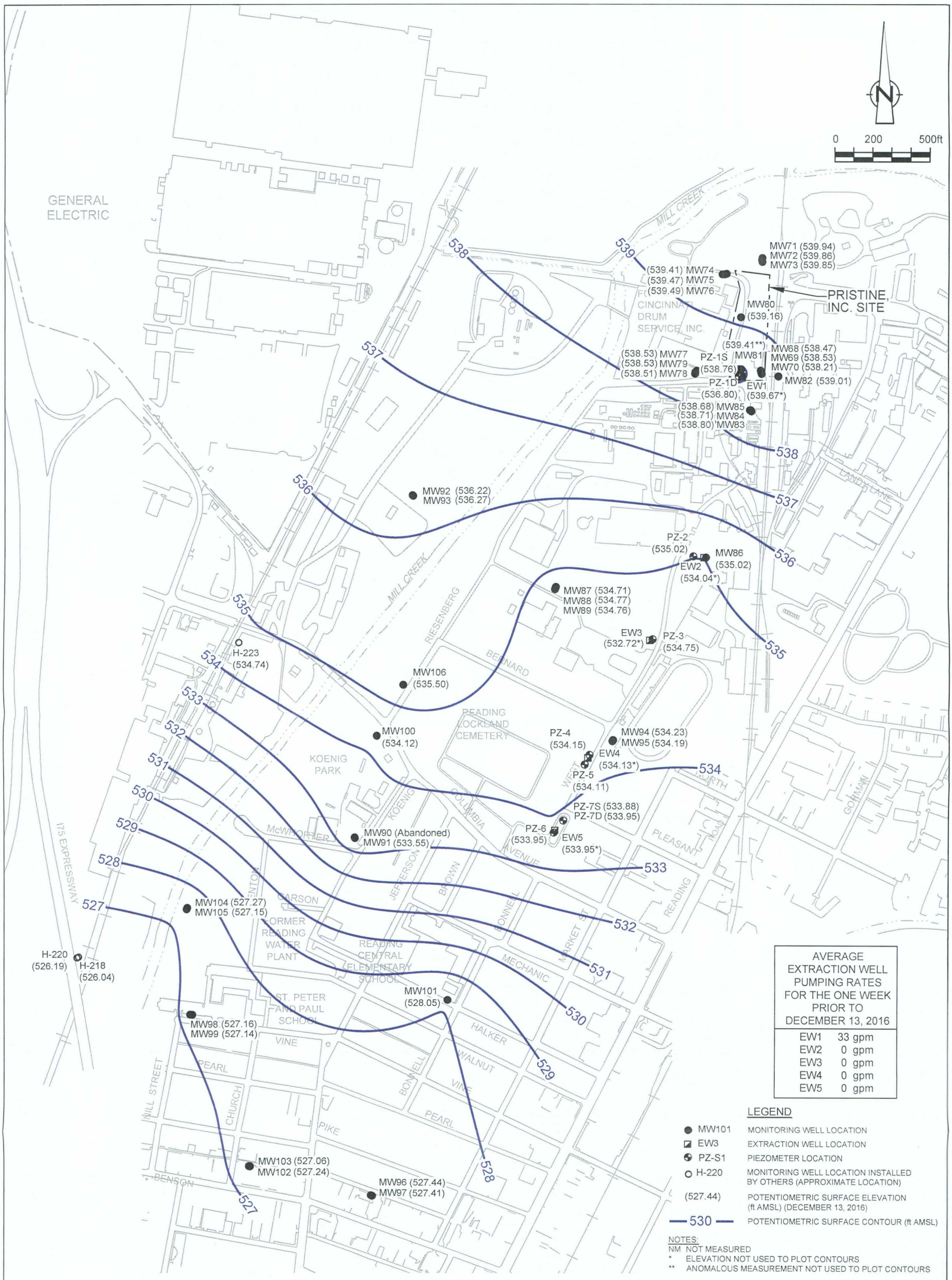
NOTES:
NM NOT MEASURED
* ELEVATION NOT USED TO PLOT CONTOURS
** ANOMALOUS MEASUREMENT NOT USED TO PLOT CONTOURS

BASE SOURCE: CAGIS, 2007.

figure 4.5

POTENTIOMETRIC SURFACE CONTOUR MAP - LOWER AQUIFER
JULY 11, 2016
Pristine, Inc. Site

03250-02(090)GN-WA008 FEB 21, 2017



BASE SOURCE: CAGIS, 2007.

figure 4.6

POTENTIOMETRIC SURFACE CONTOUR MAP - LOWER AQUIFER
DECEMBER 13, 2016
Pristine, Inc. Site

03250-02(090)GN-WA009 FEB 21, 2017

Tables

Table 2.1

Summary of Treatment System Total Effluent Daily Volumes and Average Pumping Rates[1] - 2016
Pristine, Inc. Site
Reading, Ohio

Day	January Total Volume (MGD)	February Total Volume (MGD)	March Total Volume (MGD)	April Total Volume (MGD)	May Total Volume (MGD)	June Total Volume (MGD)	July Total Volume (MGD)	August Total Volume (MGD)	September Total Volume (MGD)	October Total Volume (MGD)	November Total Volume (MGD)	December Total Volume (MGD)
1	56 737	56 303	56 314	56 260	55 568	57 180	56 596	56 071	47 500 [2]	55 156	54 745	54 373
2	56 605	55 795 [4]	56 138	44 149 [4]	55 585	57 333	56 515	55 982	55 342	55 198	54 735	54 320
3	56 510	43 472 [4]	56 217	54 625	55 431	57 241	56 749	55 468 [5]	55 453	55 069	54 877	54 312
4	56 542	56 467	56 214	55 443	55 390	57 189	56 818	56 550	55 374	54 962	54 698	54 187
5	56 341	56 230	56 185	55 446	55 344	57 231	56 817	56 556	55 456	55 101	54 500	54 357
6	56 250	56 370	56 175	55 443 [4,6]	55 401	57 197	56 779	56 473	55 251	55 118	56 684	54 413
7	56 247	56 334	56 191	55 443 [4,6]	55 427	57 140	56 824	56 359	55 277	55 067	54 292	54 428
8	56 421	56 525	56 167	55 539	55 359	57 095	56 943	56 460	55 318	55 001	54 385	54 373
9	56 454	55 392	56 210	55 646	55 461	57 312	56 712	56 621	55 559	55 939	54 373	54 320
10	56 265	56 191	56 319	55 641	55 396	57 366	56 538	56 818	55 851	55 014	54 270	54 312
11	56 219	56 299	56 179	55 587	55 408	55 970 [5]	56 630	56 229 [5]	55 374	55 007	54 226	54 187
12	56 189	55 997	56 165	55 467	55 484	57 189	56 703	56 583	55 493	54 920	54 319	54 130
13	56 147	56 278	53 735	55 509	55 325	56 950	56 836	56 773	55 494	54 984	56 288	54 020
14	56 250	56 216	56 069	55 529	55 241	57 032	47 877 [4]	56 645	55 753	54 890	54 216	54 004
15	56 503	56 239	56 035	55 544	55 132	57 302	56 832	56 312	55 361	54 786	54 336	53 998
16	56 855	56 238	55 898	55 514	27 426 [2]	56 873	56 675	56 705	55 229	54 948	54 455	53 909
17	56 812	56 273	55 853	55 416	0 000 [2]	56 681	56 542	56 467	55 101	55 005	54 227	49 569 [5]
18	56 741	56 305	55 834	55 537	0 000 [2]	56 743	56 541	56 667	55 104	54 883	54 152	52 840 [5]
19	56 610	55 898 [4]	55 897	55 425	0 000 [2]	57 021	56 475	56 538	55 030	54 498	54 103	40 080 [5]
20	56 623	56 493	55 871	55 545	0 000 [2]	57 151	56 247	56 456	55 028	54 490	56 083	57 287
21	56 640	56 471	55 824	55 609	0 000 [2]	57 098	56 215	55 816	55 198	54 210	54 109	54 249
22	56 652	56 318	55 684	55 633	0 000 [2]	57 128	56 091	55 656	55 164	54 260	54 052	57 595 [6]
23	56 653	56 182	55 448	55 484	23 148 [2]	42 671 [4]	55 972	55 700	55 209	54 269	53 388 [2]	57 595 [6]
24	56 598	56 352	55 172	55 452	57 229	56 842	55 783	56 030	55 259	54 329	54 397	57 830
25	56 524	56 196	56 987	55 595	57 261	56 694	55 985	56 259	55 175	54 246	53 397	58 015
26	56 489	56 206	56 288	55 489	57 418	56 825	55 949	56 213	55 291	54 226	54 290	57 923
27	56 433	56 237	56 253	55 593	57 240	56 734	56 124	56 137	55 092	54 488	54 298	57 687
28	56 311	56 313	56 179	55 464	57 413	56 696	56 136	55 820	55 089	54 553	54 357	45 540 [2]
29	56 967	56 256	56 237	55 491	57 442	56 539	56 117	55 547	55 181	54 470	54 413	59 291
30	56 065		56 193	55 425	57 467	56 527	56 059	55 478	55 188	54 657	54 428	59 290
31	56 302		56 338		57 294		55 929	55 506		54 647		59 277
Total Volume (gals)	1,750,955	1,617,846	1,736,269	1,653,943	1,340,290	1,694,950	1,741,009	1,742,895	1,651,194	1,698,391	1,635,093	1,691,711
APR (gpm)	39 224	39 067 [3]	38 895	38 552 [3]	38 941 [3]	39 566 [3]	39 193 [3]	39 043	38 403 [3]	38 046	37 876 [3]	37 971 [3]

Notes
MGD - thousands of gallons per day
gals - gallons
APR - Average pumping rate
gpm - gallons per minute
1 Daily volume in MGD obtained from weekly reports
2 System down for scheduled maintenance activities
3 Does not include days when the system was down for scheduled maintenance activities, power outages occurred, or data were estimated
4 Power outage occurred
5 System down for maintenance activities
6 Value estimated File with volumes pumped corrupted or unavailable

Table 2.3

Summary of ISVE System Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Zone A[1] Total Volume (Gallons)	Zone B[1] Total Volume (Gallons)	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
April 1, 1998	162,837	14,617	177,454	51,282
May 1, 1998	212,127	16,609	228,736	174,691
June 1, 1998	365,151	38,276	403,427	92,349
July 1, 1998	429,020	66,756	495,776	59,631
August 1, 1998	473,606	81,801	555,407 [2]	58,483
September 1, 1998	483,886	NA	NA [2]	58,483
October 1, 1998	579,248	93,125	672,373	60,004
November 1, 1998	634,680	97,697	732,377	48,380
December 1, 1998	669,869	110,888	780,757	NA
January 1, 1999	NA	NA	NA	NA
February 1, 1999	642,222 [3]	123,024	765,246	18,107
March 1, 1999	643,607	139,746	783,353 [2]	29,032
April 1, 1999	NA	148,832	NA [2]	29,032
May 1, 1999	681,282	160,134	841,416	286,429
June 1, 1999	939,779	188,066	1,127,845 [2]	62,843
July 1, 1999	994,938	NA	NA [2]	62,843
August 1, 1999	1,056,096	197,435	1,253,531	117,656
September 1, 1999	1,157,165	214,022	1,371,187	106,566
October 1, 1999	1,256,926	220,827	1,477,753	65,518
November 1, 1999	1,311,242	232,029	1,543,271	75,012
December 1, 1999	1,364,009	254,274	1,618,283	107,505
January 1, 2000	1,442,727	283,061	1,725,788	83,041
February 1, 2000	1,517,324	291,505	1,808,829	219,606
March 1, 2000	1,695,103	333,332	2,028,435	316,170
April 1, 2000	1,967,575	377,030	2,344,605	386 188
May 1, 2000	2,299,233	431,560	2,730,793	268,410
June 1, 2000	2,533,000	466,203	2,999,203	241,252
July 1, 2000	2,711,689	528,766	3,240,455	221,918
August 1, 2000	2,886,945	575,428	3,462,373	233,959
September 1, 2000	3,058,418	637,914	3,696,332	281,439
October 1, 2000	3,220,777	756,994	3,977,771	363,930
November 1, 2000	3,393,021	948,680	4,341,701	257,996
December 1, 2000	3,523,652	1,076,045	4,599,697	263,941
January 1, 2001	3,669,889	1,193,749	4,863,638	268,214
February 1, 2001	3,799,562	1,332,290	5,131,852	174,277
March 1, 2001	3,890,246	1,415,883	5,306,129	220,140
April 1, 2001	4,024,221	1,502,048	5,526,269	177,669
May 1, 2001	4,141,498	1,562,440	5,703,938	137,214
June 1, 2001	4,243,732	1,597,420	5,841,152	162,335
July 1, 2001	4,346,944	1,656,543	6,003,487	393,416
August 1, 2001	4,638,775	1,758,128	6,396,903	402,683
September 1, 2001	4,950,280	1,849,306	6,799,586	370,309
October 1, 2001	5,208,642	1,961,253	7,169,895	269,610
November 1, 2001	5,450,973	1,988,532	7,439,505	304,817
December 1, 2001	5,692,283	2,052,039	7,744,322	341,060

Table 2.3

Summary of ISVE System Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Zone A[1] Total Volume (Gallons)	Zone B[1] Total Volume (Gallons)	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
January 1, 2002	5,915,771	2,169,611	8,085,382	276,716
February 1, 2002	6,079,294	2,282,804	8,362,098	304,294
March 1, 2002	6,296,813	2,369,579	8,666,392	333,861
April 1, 2002	6,514,864	2,485,389	9,000,253	512,040
May 1, 2002	6,855,085	2,657,208	9,512,293	476,931
June 1, 2002	7,138,436	2,850,788	9,989,224	230,767
July 1, 2002	7,291,411	2,928,580	10,219,991	210,671
August 1, 2002	7,482,557	2,948,105	10,430,662	195,863
September 1, 2002	7,662,678	2,963,847	10,626,525	122,809
October 1, 2002	7,774,787	2,974,547	10,749,334	226,028
November 1, 2002	7,971,285	3,004,077	10,975,362	205,330
December 1, 2002	8,135,033	3,045,659	11,180,692	152,277
January 1, 2003	8,263,791	3,069,178	11,332,969	87,384
February 1, 2003	8,330,346	3,090,007	11,420,353	23,856
March 1, 2003	8,350,778	3,093,431	11,444,209	63,277
April 1, 2003	8,401,749	3,105,737	11,507,486	91,573
May 1, 2003	8,474,630	3,124,429	11,599,059	104,498
June 1, 2003	8,557,996	3,145,561	11,703,557	394,229
July 1, 2003	8,915,870	3,181,916	12,097,786	163,125
August 1, 2003	9,056,305	3,204,606	12,260,911	153,969
September 1, 2003	9,193,560	3,221,320	12,414,880	167,370
October 1, 2003	9,351,171	3,231,079	12,582,250	149,940
November 1, 2003	9,487,220	3,244,970	12,732,190	167,250
December 1, 2003	9,642,260	3,257,180	12,899,440	134,150
January 1, 2004	9,768,180	3,265,410	13,033,590	142,670
February 1, 2004	9,889,780	3,286,480	13,176,260	129,410
March 1, 2004	10,004,450	3,301,220	13,305,670	112,755
April 1, 2004	10,106,775	3,311,650	13,418,425	98,285
May 1, 2004	10,189,220	3,327,490	13,516,710	114,260
June 1, 2004	10,296,110	3,334,860	13,630,970	67,330
July 1, 2004	10,337,680	3,360,620	13,698,300	110,150
August 1, 2004	10,383,390	3,425,060	13,808,450	135,097
September 1, 2004	10,452,801	3,490,746	13,943,547	139,425
October 1, 2004	10,534,452	3,548,520	14,082,972	203,902
November 1, 2004	10,663,291	3,623,583	14,286,874	406,496
December 1, 2004	10,950,400	3,742,970	14,693,370	296,165
January 1, 2005	11,149,645	3,839,890	14,989,535	322,299
February 1, 2005	11,368,208	3,943,626	15,311,834	249,576
March 1, 2005	11,557,200	4,004,210	15,561,410	75,128
April 1, 2005	11,619,704	4,016,834	15,636,538	138,389
May 1, 2005	11,729,312	4,045,615	15,774,927	118,735
June 1, 2005	11,831,492	4,062,170	15,893,662	195,478
July 1, 2005	11,992,000	4,097,140	16,089,140	242,240
August 1, 2005	12,198,010	4,133,370	16,331,380	265,107
September 1, 2005	12,437,354	4,159,133	16,596,487	220,258
October 1, 2005	12,642,320	4,174,425	16,816,745	181,705
November 1, 2005	12,801,230	4,197,220	16,998,450	156,256
December 1, 2005	12,932,030	4,222,676	17,154,706	70,344

Table 2.3

Summary of ISVE System Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Zone A[1] Total Volume (Gallons)	Zone B[1] Total Volume (Gallons)	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
January 1, 2006	12,991,740	4,233,310	17,225,050	15,685
February 1, 2006	13,008,460	4,232,275	17,240,735	104,125
March 1, 2006	13,106,170	4,238,690	17,344,860	213,750
April 1, 2006	13,305,080	4,253,530	17,558,610	219,719
May 1, 2006	13,506,349	4,271,980	17,778,329	106,343
June 1, 2006	13,614,217	4,270,455	17,884,672	231,318
July 1, 2006	13,837,040	4,278,950	18,115,990	150,760
August 1, 2006	13,987,890	4,278,860	18,266,750	158,369
September 1, 2006	14,135,391	4,289,728	18,425,119	123,206
October 1, 2006	14,249,420	4,298,905	18,548,325	76,795
November 1, 2006	14,324,100	4,301,020	18,625,120	106,210
December 1, 2006	14,417,640	4,313,690	18,731,330	115,504
January 1, 2007	14,513,479	4,333,356	18,846,834	259,903
February 1, 2007	14,756,038	4,350,699	19,106,737	194,503
March 1, 2007	14,935,879	4,365,361	19,301,240	176,175
April 1, 2007	15,098,475	4,378,940	19,477,415	139,183
May 1, 2007	15,230,824	4,385,774	19,616,598	153,961
June 1, 2007	15,353,836	4,416,723	19,770,559	212,356
July 1, 2007	15,524,876	4,458,038	19,982,914	189,360
August 1, 2007	15,688,361	4,483,914	20,172,274	162,221
September 1, 2007	15,837,897	4,496,598	20,334,495	122,121
October 1, 2007	15,953,600	4,503,016	20,456,616	125,314
November 1, 2007	16,064,666	4,517,264	20,581,930	155,003
December 1, 2007	16,202,410	4,534,523	20,736,933	156,024
January 1, 2008	16,330,558	4,562,399	20,892,958	106,273
February 1, 2008	16,415,809	4,583,421	20,999,230	106,002
March 1, 2008	16,500,164	4,605,068	21,105,232	250,853
April 1, 2008	16,715,370	4,640,715	21,356,085	251,807
May 1, 2008	16,942,765	4,665,127	21,607,892	212,549
June 1, 2008	17,117,762	4,702,678	21,820,441	358,014
July 1, 2008	17,412,016	4,766,438	22,178,455	376,830
August 1, 2008	17,685,935	4,869,350	22,555,285	289,763
September 1, 2008	17,925,227	4,919,822	22,845,049	238,350
October 1, 2008	18,156,724	4,926,675	23,083,399	445,586
November 1, 2008	18,599,262	4,929,723	23,528,985	496,371
December 1, 2008	19,088,051	4,937,305	24,025,356	459,389
January 1, 2009	19,528,045	4,956,701	24,484,746	651,568
February 1, 2009	20,156,217	4,980,097	25,136,314	530,200
March 1, 2009	20,666,524	4,999,990	25,666,514	553,929
April 1, 2009	21,208,877	5,011,566	26,220,443	406,221
May 1, 2009	21,610,243	5,016,421	26,626,664	518,731
June 1, 2009	22,019,597	5,125,798	27,145,395	292,359
July 1, 2009	22,281,584	5,156,170	27,437,754	220,619
August 1, 2009	22,486,447	5,171,926	27,658,373	250,753
September 1, 2009	22,711,634	5,197,492	27,909,126	226,766
October 1, 2009	22,924,809	5,211,083	28,135,892	261,878
November 1, 2009	23,162,343	5,235,427	28,397,770	304,239
December 1, 2009	23,440,447	5,261,561	28,702,009	258,607

Table 2.3

Summary of ISVE System Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Zone A[1] Total Volume (Gallons)	Zone B[1] Total Volume (Gallons)	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
January 1, 2010	23,670,763	5,289,853	28,960,616	335,818
February 1, 2010	23,970,382	5,326,053	29,296,434	166,517
March 1, 2010	24,097,280	5,365,671	29,462,951	276,868
April 1, 2010	24,337,026	5,402,793	29,739,819	163,587
May 1, 2010	24,488,253	5,415,153	29,903,406	307,284
June 1, 2010	24,592,880	5,617,811	30,210,690	264,252
July 1, 2010	24,844,039	5,630,904	30,474,943	259,957
August 1, 2010	25,090,883	5,644,017	30,734,900	166,639
September 1, 2010	25,247,043	5,654,496	30,901,539	475,717
October 1, 2010	25,715,002	5,662,254	31,377,256	444,935
November 1, 2010	26,153,929	5,668,261	31,822,191	411,278
December 1, 2010	26,556,066	5,677,402	32,233,469	437,858
January 1, 2011	26,985,225	5,686,102	32,671,327	353,188
February 1, 2011	27,332,075	5,692,439	33,024,515	269,845
March 1, 2011	27,596,184	5,698,175	33,294,359	60,461
April 1, 2011	27,645,143	5,709,677	33,354,820	261,848
May 1, 2011	27,895,214	5,721,454	33,616,668	130,982
June 1, 2011	28,007,357	5,740,293	33,747,650	342,627
July 1, 2011	28,259,073	5,831,204	34,090,277	194,029
August 1, 2011	28,444,762	5,839,544	34,284,306	223,558
September 1, 2011	28,659,971	5,847,893	34,507,864	175,425
October 1, 2011	28,829,543	5,853,747	34,683,290	184,789
November 1, 2011	29,006,419	5,861,660	34,868,079	148,713
December 1, 2011	29,147,537	5,869,254	35,016,792	189,826
January 1, 2012	29,317,586	5,889,031	35,206,617	115,576
February 1, 2012	29,418,465	5,903,728	35,322,193	101,302
March 1, 2012	29,503,772	5,919,723	35,423,495	191,197
April 1, 2012	29,678,035	5,936,657	35,614,692	178,997
May 1, 2012	29,834,927	5,958,761	35,793,689	236,188
June 1, 2012	30,055,474	5,974,403	36,029,877	111,620
July 1, 2012	30,140,921	6,000,576	36,141,497	159,320
August 1, 2012	30,256,559	6,044,258	36,300,816	134,407
September 1, 2012	30,361,427	6,073,797	36,435,224	99,106
October 1, 2012	30,450,119	6,084,211	36,534,330	73,519
November 1, 2012	30,509,285	6,098,563	36,607,848	105,074
December 1, 2012	30,584,730	6,128,192	36,712,922	65,119
January 1, 2013	30,633,339	6,144,702	36,778,041	75,169
February 1, 2013	30,696,852	6,156,358	36,853,210	75,406
March 1, 2013	30,760,419	6,168,197	36,928,616	53,140
April 1, 2013	30,796,717	6,185,038	36,981,755	124,135
May 1, 2013	30,911,648	6,194,242	37,105,890	100,594
June 1, 2013	30,980,735	6,225,748	37,206,484	102,127
July 1, 2013	31,076,802	6,231,808	37,308,610	119,259
August 1, 2013	31,187,395	6,240,475	37,427,869	186,569
September 1, 2013	31,312,711	6,301,728	37,614,439	88,030
October 1, 2013	31,388,163	6,314,306	37,702,469	86,694
November 1, 2013	31,464,506	6,324,657	37,789,163	80,378
December 1, 2013	31,532,437	6,337,105	37,869,541	63,996

Table 2.3

Summary of ISVE System Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Zone A[1] Total Volume (Gallons)	Zone B[1] Total Volume (Gallons)	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
January 1, 2014	31,587,279	6,346,259	37,933,538	131,266
February 1, 2014	31,707,904	6,356,899	38,064,804	90,059
March 1, 2014	31,797,857	6,357,006	38,154,862	130,710
April 1, 2014	31,912,841	6,372,732	38,285,573	128,765
May 1, 2014	32,023,921	6,390,417	38,414,338	155,786
June 1, 2014	32,160,213	6,409,911	38,570,124	119,608
July 1, 2014	32,245,733	6,444,000	38,689,733	218,041
August 1, 2014	32,450,331	6,457,443	38,907,774	132,517
September 1, 2014	32,570,766	6,469,524	39,040,290	143,769
October 1, 2014	32,702,612	6,481,448	39,184,059	107,975
November 1, 2014	32,794,327	6,497,707	39,292,034	55,725
December 1, 2014	32,838,090	6,509,669	39,347,759	15,677
January 1, 2015	32,842,727	6,520,709	39,363,436	131,395
February 1, 2015	32,901,318	6,593,513	39,494,831	86,805
March 1, 2015	32,929,385	6,652,251	39,581,636	145,579
April 1, 2015	32,931,499	6,795,715	39,727,214	131,528
May 1, 2015	32,937,455	6,921,288	39,858,743	35,622
June 1, 2015	32,937,455	6,956,909	39,894,364	214,369
July 1, 2015	32,987,866	7,120,867	40,108,733	3,278
August 1, 2015	32,989,505	7,122,506	40,112,011	8,008
September 1, 2015	32,993,509	7,126,510	40,120,019	7,192
October 1, 2015	32,997,163	7,130,048	40,127,211	6,477
November 1, 2015	33,001,897	7,131,791	40,133,688	5,073
December 1, 2015	33,005,953	7,132,809	40,138,761	1,265
January 1, 2016	33,006,932	7,133,094	40,140,026	4,063
February 1, 2016	33,010,184	7,133,906	40,144,090	3,030
March 1, 2016	33,012,527	7,134,592	40,147,119	3,336
April 1, 2016	33,015,197	7,135,258	40,150,455	2,057
May 1, 2016	33,016,842	7,135,670	40,152,512	3,599
June 1, 2016	33,019,722	7,136,389	40,156,111	16,284
July 1, 2016	33,032,749	7,139,646	40,172,395	12,691
August 1, 2016	33,042,903	7,142,184	40,185,086	26,291
September 1, 2016	33,063,935	7,147,443	40,211,378	11,420
October 1, 2016	33,073,281	7,149,516	40,222,798	26,991
November 1, 2016	33,094,885	7,154,903	40,249,789	21,257
December 1, 2016	33,111,892	7,159,154	40,271,046	14,149
January 1, 2017	33,123,211	7,161,983	40,285,194	

Notes
1 Volumes transcribed from Weekly Treatment Plant Reports
2 Monthly volumes were calculated as one half of the two month volume because of missing data
3 Counter reset
NA - not available

Table 2.4

Upper Outwash Lens GW108 Well Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
April 1, 2008	0	12,871
May 1, 2008 (1)	12,871	33,412
June 1, 2008	46,282	153,727
July 1, 2008	200,009	202,718
August 1, 2008	402,727	201,112
September 1, 2008	603,839	125,666
October 1, 2008	729,505	174,579
November 1, 2008	904,084	170,924
December 1, 2008	1,075,008	188,387
January 1, 2009	1,263,395	179,838
February 1, 2009	1,443,233	159,247
March 1, 2009	1,602,480	174,894
April 1, 2009	1,777,374	112,778
May 1, 2009	1,890,152	136,035
June 1, 2009	2,026,187	163,681
July 1, 2009	2,189,868	173,045
August 1, 2009	2,362,913	180,580
September 1, 2009	2,543,494	174,649
October 1, 2009	2,718,143	152,179
November 1, 2009	2,870,322	177,724
December 1, 2009	3,048,046	172,280
January 1, 2010	3,220,326	174,080
February 1, 2010	3,394,406	153,730
March 1, 2010	3,548,136	133,463
April 1, 2010	3,681,600	49,225
May 1, 2010	3,730,825	103,816
June 1, 2010	3,834,641	143,098
July 1, 2010	3,977,739	142,503
August 1, 2010	4,120,242	133,310
September 1, 2010	4,253,551	117,929
October 1, 2010	4,371,480	126,679
November 1, 2010	4,498,159	199,362
December 1, 2010	4,697,521	313,681
January 1, 2011	5,011,202	157,724
February 1, 2011	5,168,926	170,306
March 1, 2011	5,339,232	139,510
April 1, 2011	5,478,743	130,415
May 1, 2011	5,609,158	80,129
June 1, 2011 (2)	5,689,287	144,997
July 1, 2011	5,834,284	175,736
August 1, 2011	6,010,020	184,210
September 1, 2011	6,194,230	177,859
October 1, 2011	6,372,089	176,838
November 1, 2011	6,548,927	175,670
December 1, 2011	6,724,598	186,541

Table 2.4

Upper Outwash Lens GW108 Well Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
January 1, 2012	6,911,138	118,192
February 1, 2012	7,029,330	119,981
March 1, 2012	7,149,311	161,479
April 1, 2012	7,310,790	141,346
May 1, 2012	7,452,136	172,875
June 1, 2012	7,625,011	166,016
July 1, 2012	7,791,027	171,981
August 1, 2012	7,963,009	171,075
September 1, 2012	8,134,084	171,613
October 1, 2012	8,305,697	179,079
November 1, 2012	8,484,775	188,420
December 1, 2012	8,673,195	197,349
January 1, 2013	8,870,544	209,212
February 1, 2013	9,079,756	189,583
March 1, 2013	9,269,339	201,115
April 1, 2013	9,470,454	185,777
May 1, 2013	9,656,231	189,810
June 1, 2013	9,846,042	195,892
July 1, 2013	10,041,934	202,297
August 1, 2013	10,244,231	214,096
September 1, 2013	10,458,327	114,168
October 1, 2013	10,572,495	134,634
November 1, 2013	10,707,129	135,178
December 1, 2013	10,842,307	201,695
January 1, 2014	11,044,002	167,770
February 1, 2014	11,211,771	153,667
March 1, 2014	11,365,438	172,509
April 1, 2014	11,537,947	153,886
May 1, 2014	11,691,833	125,598
June 1, 2014	11,817,431	143,337
July 1, 2014	11,960,769	151,898
August 1, 2014	12,112,666	151,786
September 1, 2014	12,264,452	146,357
October 1, 2014	12,410,809	161,514
November 1, 2014	12,572,323	160,764
December 1, 2014	12,733,087	175,231
January 1, 2015	12,908,318	174,141
February 1, 2015	13,082,459	153,657
March 1, 2015	13,236,116	178,541
April 1, 2015	13,414,657	165,480
May 1, 2015	13,580,138	134,872
June 1, 2015	13,715,009	182,579
July 1, 2015	13,897,588	203,652
August 1, 2015	14,101,241	209,390
September 1, 2015	14,310,631	201,398
October 1, 2015	14,512,029	200,411
November 1, 2015	14,712,440	224,015
December 1, 2015	14,936,455	235,431

Table 2.4

Upper Outwash Lens GW108 Well Groundwater Pumped Volumes
Pristine, Inc. Site
Reading, Ohio

Date	Total Volume to Date (Gallons)	Monthly Volume (Gallons)
January 1, 2016	15,171,885	215,387
February 1, 2016	15,387,273	203,214
March 1, 2016	15,590,487	212,493
April 1, 2016	15,802,979	194,254
May 1, 2016	15,997,233	121,882
June 1, 2016	16,119,115	112,175
July 1, 2016	16,231,290	142,103
August 1, 2016	16,373,393	149,766
September 1, 2016	16,523,159	150,539
October 1, 2016	16,673,699	161,548
November 1, 2016	16,835,247	197,556
December 1, 2016	17,032,803	256,434
January 1, 2017	17,289,237	

Notes
(1) Pumping of groundwater from GW108 began on April 22, 2008
First total volume recording was on May 5, 2008
(2) Pumping of GW108 was transferred to the 150 GPM system as of June 1, 2011

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc. Site
Reading, Ohio

	EW1			EW2		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
June 1,2001	1,028,000	1,105,000	26 [2]	436,000	676,000	16 [2]
July 1, 2001	2,133,000	1,492,000	33	1,112,000	893,000	20
August 1, 2001	3,625,000	1,628,000	36	2,005,000	1,085,000	24
September 1, 2001	5,253,000	1,394,000	32	3,090,000	969,000	22
October 1, 2001	6,647,000	1,369,000	31	4,059,000	971,000	22
November 1, 2001	8,016,000	1,507,000	35	5,030,000	1,058,000	24
December 1, 2001	9,523,000	1,508,000	34	6,088,000	1,048,000	23
January 1, 2002	11,031,000	1,469,000	33	7,136,000	1,026,000	23
February 1, 2002	12,500,000	1,368,000	34	8,162,000	925,000	23
March 1, 2002	13,868,000	1,496,000	34	9,087,000	1,026,000	23
April 1, 2002	15,364,000	1,291,000	30	10,113,000	1,049,000	24
May 1, 2002	16,655,000	1,469,000	33	11,162,000	1,136,000	25
June 1, 2002	18,124,000	985,000	23 [2]	12,298,000	757,000	18 [2]
July 1, 2002	19,109,000	1,615,000	36	13,055,000	1,157,000	26
August 1, 2002	20,724,000	1,746,000	39	14,212,000	1,203,000	27
September 1, 2002	22,470,000	1,676,000	39	15,415,000	1,157,000	27
October 1, 2002	24,146,000	1,665,000	37	16,572,000	1,195,000	27
November 1, 2002	25,811,000	1,540,000	36	17,767,000	1,133,000	26
December 1, 2002	27,351,000	1,304,000	29	18,900 000	1,141,000	26
January 1, 2003	28,655,000	1,275,000	29	20,041,000	697,000	16 [3]
February 1, 2003	29,930,000	1,172,000	29	20,738,000	905,000	22
March 1, 2003	31,102,000	1,274,000	29	21,643,000	986,000	22
April 1, 2003	32,376,000	1,108,000	26	22,629,000	2,886,000	67
May 1, 2003	33,484,000	1,165,000	26	25,515,000	472,000	11 [3]
June 1, 2003	34,649,000	806,000	19 [2]	25,987,000	500,000	12 [2]
July 1, 2003	35,455,000	1,239,000	28	26,487,000	1,160,000	26
August 1, 2003	36,694 000	1,259,000	28	27,647,000	1,070,000	24
September 1, 2003	37,953,000	1,174,000	27	28,717,000	1,092,000	25
October 1, 2003	39,127,000	1,152,000	26	29,809,000	1,097,000	25
November 1, 2003	40,279,000	1,141,000	26	30,906,000	1,098,000	25
December 1, 2003	41,420,000	1,276,000	29	32,004,000	1,066,000	24
January 1, 2004	42,696,000	1,353,000	30	33,070,000	1,096,000	25
February 1, 2004	44,049,000	1,274,000	31	34,166,000	1,003,000	24
March 1, 2004	45,323,000	1,179,000	26	35,169,000	969,000	22
April 1, 2004	46,502,000	932,000	22 [3]	36,138,000	806,000	19 [3]
May 1, 2004	47,434,000	1,327,000	30	36,944,000	1,163,000	26
June 1, 2004	48,761,000	662,000	15 [2]	38,107,000	552,000	13 [2]
July 1, 2004	49,423,000	1,255,000	28	38,659,000	1,187,000	27
August 1, 2004	50,678,000	1,342,000	30	39,846,000	1,314,000	29
September 1, 2004	52,020,000	1,341,000	31	41,160,000	1,174,000	27
October 1, 2004	53,361,000	1,475,000	33	42,334,000	1,146,000	26
November 1, 2004	54,836,000	1,425,000	33	43,480,000	1,195,000	28
December 1, 2004	56,261,000	1,414,000	32	44,675,000	1,182,000	26
January 1, 2005	57,675,000	1,437,000	32	45,857,000	1,198,000	27
February 1, 2005	59,112,000	1,183,000	29	47,055,000	1,128,000	28
March 1, 2005	60,295,000	1,382,000	31	48,183,000	1,331,000	30
April 1, 2005	61,677,000	1,320,000	31	49,514,000	1,299,000	30
May 1, 2005	62,997,000	713,000	16 [2]	50,813,000	470,000	11 [2]
June 1, 2005	63,710,000	1,324,000	31	51,283,000	1,175,000	27
July 1, 2005	65,034,000	1,329,000	30	52,458,000	1,577,000	35
August 1, 2005	66,363,000	1,345,000	30	54,035,000	1,604,000	36
September 1, 2005	67,708,000	1,296,000	30	55,639,000	1,557,000	36
October 1, 2005	69,004,000	1,082,000	24 [3]	57,196,000	825,000	18 [3]
November 1, 2005	70,086,000	408,000	9 [3]	58,021,000	362,000	8 [3]
December 1, 2005	70,494,000	1,415,000	32	58,383,000	1,671,000	37

Table 2.5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc. Site
Reading, Ohio

	EW1			EW2		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2006	71,909,000	[5]	--	60,054,000	[5]	--
February 1, 2006	43,274,680 [4]	1,253,000	31	41,445,160 [4]	1,608,640	40
March 1, 2006	44,527,680	1,181,320	26	43,053,800 [6]	--	--
April 1, 2006	45,709,000	1,033,600	24	[6]	--	--
May 1, 2006	46,742,600	646,520	14 [2]	--	--	--
June 1, 2006	47,389,120	1,186,720	27	--	--	--
July 1, 2006	48,575,840	1,250,880	28	--	--	--
August 1, 2006	49,826,720	1,209,280	27	--	--	--
September 1, 2006	51,036,000	1,162,360	27	--	--	--
October 1, 2006	52,198,360	1,156,000	26	--	--	--
November 1, 2006	53,354,360	1,183,640	27	--	--	--
December 1, 2006	54,538,000	1,256,000	28	--	--	--
January 1, 2007	55,794,000	1,240,000	28	--	--	--
February 1, 2007	57,034,000	942,000	23 [3]	--	--	--
March 1, 2007	57,976,000	1,308,000	29	--	--	--
April 1, 2007	59,284,000	1,267,000	29	--	--	--
May 1, 2007	60,551,000	704,000	16 [2,7]	--	--	--
June 1, 2007	61,255,000	1,245,000	29	--	--	--
July 1, 2007	62,500,000	1,246,000	28	--	--	--
August 1, 2007	63,746,000	1,246,000	28	--	--	--
September 1, 2007	64,992,000	652,000	15 [3]	--	--	--
October 1, 2007	65,644,000	947,000	21 [3]	--	--	--
November 1, 2007	66,591,000	1,515,000	35	--	--	--
December 1, 2007	68,106,000	1,337,000	30	--	--	--
January 1, 2008	69,443,000	1,531,000	34	--	--	--
February 1, 2008	70,974,000	1,472,000	35	--	--	--
March 1, 2008	72,446,000	1,534,000	34	--	--	--
April 1, 2008	73,980,000	1,235,000	29	--	--	--
May 1, 2008	75,215,000	232,000	5 [2,3]	--	--	--
June 1, 2008	75,447,000	1,579,000	37	--	--	--
July 1, 2008	77,026,000	1,644,000	37	--	--	--
August 1, 2008	78,670,000	1,646,000	37	--	--	--
September 1, 2008	80,316,000	1,178,000	27 [12]	--	--	--
October 1, 2008	81,494,000	1,665,000	37	--	--	--
November 1, 2008	83,159,000	1,571,000	36	--	--	--
December 1, 2008	84,730,000	1,627,000	36	--	--	--
January 1, 2009	86,357,000	1,676,000	38	--	--	--
February 1, 2009	88,033,000	1,490,000	37	--	--	--
March 1, 2009	89,523,000	1,620,000	36	--	--	--
April 1, 2009	91,143,000	1,130,000	26 [2]	--	--	--
May 1, 2009	92,273,000	1,402,000	31 [2]	--	--	--
June 1, 2009	93,675,000	1,602,000	37	--	--	--
July 1, 2009	95,277,000	1,674,000	38	--	--	--
August 1, 2009	96,951,000	1,640,000	37	--	--	--
September 1, 2009	98,591,000	1,623,000	38	--	--	--
October 1, 2009	100,214,000 [14]	1,678,000	38	--	--	--
November 1, 2009	101,892,000	1,607,000	37	--	--	--
December 1, 2009	103,499,000	1,626,000	36	--	--	--
January 1, 2010	105,125,000	[5]	--	--	--	--
February 1, 2010	105,641,000	1,523,000	38	--	--	--
March 1, 2010	107,164,000	1,635,000	37	--	--	--
April 1, 2010	108,799,000	1,009,000	23 [2]	--	--	--
May 1, 2010	109,808,000	1,531,000	34 [2]	--	--	--
June 1, 2010	111,339,000	1,560,000	36	--	--	--
July 1, 2010	112,899,000	1,649,000	37	--	--	--
August 1, 2010	114,548,000	1,699,000	38	--	--	--
September 1, 2010	116,247,000	1,613,240	37	--	--	--
October 1, 2010	117,860,240	1,515,880	34 [15]	--	--	--
November 1, 2010	119,376,120	1,528,560	35	--	--	--
December 1, 2010	120,904,680	1,664,320	37	--	--	--

Table 2.5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc Site
Reading, Ohio

	EW1			EW2		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2011	122,569,000	1,554,000	35	--	--	--
February 1, 2011	124,123,000	1,406,000	35	--	--	--
March 1, 2011	125,529,000	1,514,000	34	--	--	--
April 1, 2011	127,043,000	1,596,000	37	--	--	--
May 1, 2011	128,639,000	860,000	19 [2]	--	--	--
June 1, 2011	129,499,000	1,621,000	38	--	--	--
July 1, 2011	131,120,000	1,785,000	40	--	--	--
August 1, 2011	132,905,000	1,605,000	36	--	--	--
September 1, 2011	134,510,000	1,569,000	36	--	--	--
October 1, 2011	136,079,000	1,610,000	36	--	--	--
November 1, 2011	137,689,000	1,529,000	35	--	--	--
December 1, 2011	139,218,000	1,485,000	33	--	--	--
January 1, 2012	140,703,000	1,258,000	28 [3]	--	--	--
February 1, 2012	141 961 000	1,434,000	34	--	--	--
March 1, 2012	143,395,000	1,470,000	33	--	--	--
April 1, 2012	144,865,000	1,263,000	29 [2]	--	--	--
May 1, 2012	146,128,000	1,503,000	34	--	--	--
June 1, 2012	147,631,000	1,498,000	35	--	--	--
July 1, 2012	149,129 000	1,552,000	35	--	--	--
August 1, 2012	150,681,000	1,533,000	34	--	--	--
September 1, 2012	152,214,000	1,455,000	34	--	--	--
October 1, 2012	153,669,000	1,426,000	32	--	--	--
November 1, 2012	155,095,000	1,280,000	30	--	--	--
December 1, 2012	156,375,000	1,301,000	29	--	--	--
January 1, 2013	157,676,000	1,314,000	29	--	--	--
February 1, 2013	158,990,000	1,310,000	32	--	--	--
March 1, 2013	160,300,000	1,140,000	26	--	--	--
April 1, 2013	161,440,000	1,145,000	27	--	--	--
May 1, 2013	162,585,000	1,240,000	28	--	--	--
June 1, 2013	163,825,000	1,309,000	30	--	--	--
July 1, 2013	165,134,000	1,341,000	30	--	--	--
August 1, 2013	166,475,000	1,048,000	23 [2]	--	--	--
September 1, 2013	167,523,000	1,216,000	28	--	--	--
October 1, 2013	168,739,000	1,356,000	30	--	--	--
November 1, 2013	170,095,000	1,258,000	29	--	--	--
December 1, 2013	171,353,000	1,338,000	30	--	--	--
January 1, 2014	172,691,000	1,344,000	30	--	--	--
February 1, 2014	174,035,000	1,214,000	30	--	--	--
March 1, 2014	175,249,000	1,349,000	30	--	--	--
April 1, 2014	176,598,000	1,212,000	28 [2]	--	--	--
May 1, 2014	177,810,000	1,217,000	27 [2]	--	--	--
June 1, 2014	179,027,000	1,440,000	33	--	--	--
July 1, 2014	180,467,000	1,490,000	33	--	--	--
August 1, 2014	181,957,000	1,513,000	34	--	--	--
September 1, 2014	183,470,000	1,381,000	32 [15,17]	--	--	--
October 1, 2014	185,862,000	1,506,000	34	--	--	--
November 1, 2014	187,368,000	1,480,000	34	--	--	--
December 1, 2014	188,848,000	1,532,000	34	--	--	--
January 1, 2015	190,380,000	1,517,000	34	--	--	--
February 1, 2015	191,897,000	1,338,000	33	--	--	--
March 1, 2015	193,235,000	1,494,000	33	--	--	--
April 1, 2015	194,729,000	1,360,000	31 [3]	--	--	--
May 1, 2015	196,089,000	978,000	22 [2]	--	--	--
June 1, 2015	197,067,000	1,495,000	35	--	--	--
July 1, 2015	198,562,000	1,538,000	34	--	--	--
August 1, 2015	200,100,000	1,597,000	36	--	--	--
September 1, 2015	201,697,000	1,553,000	36	--	--	--
October 1, 2015	203,250,000	1,563,000	35	--	--	--
November 1, 2015	204,813,000	1,523,000	35	--	--	--
December 1, 2015	206,336,000	1,538,000	34	--	--	--

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc. Site
Reading, Ohio

	EW1			EW2		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2016	207,874,000	1,563,000	35	--	--	--
February 1, 2016	209,437,000	1,457,000	35	--	--	--
March 1, 2016	210,894,000	1,574,000	35	--	--	--
April 1, 2016	212,468,000	1,508,000	35	--	--	--
May 1, 2016	213,976,000	1,259,000	28 [2]	--	--	--
June 1, 2016	215,235,000	1,449,000	34	--	--	--
July 1, 2016	216,684,000	1,481,000	33	--	--	--
August 1, 2016	218,165,000	1,456,000	33	--	--	--
September 1, 2016	219,621,000	1,414,000	33	--	--	--
October 1, 2016	221,035,000	1,453,000	33	--	--	--
November 1, 2016	222,488,000	1,410,000	33	--	--	--
December 1, 2016	223,898,000	1,472,000	33	--	--	--
January 1, 2017	225,370,000					

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc Site
Reading, Ohio

	EW3			EW4		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
June 1,2001	2,165,000	1,971,000	46 [2]	3,447,000	3,909,000	90 [2]
July 1, 2001	4,136,000	2,656,000	59	7,356,000	5,231,000	117
August 1, 2001	6,792,000	2,965,000	66	12,587,000	5,497,000	123
September 1, 2001	9,757,000	2,554,000	59	18,084,000	5,039,000	117
October 1, 2001	12,311,000	2,519,000	56	23,123,000	5,415,000	121
November 1, 2001	14,830,000	3,060,000	71	28,538,000	4,319,000	100
December 1, 2001	17,890,000	3,223,000	72	32,857,000	6,788,000	152
January 1, 2002	21,113,000	3,138,000	70	39,645,000	5,863,000	131
February 1, 2002	24,251,000	2,827,000	70	45,508,000	5,092,000	126
March 1, 2002	27,078,000	2,740,000	61	50,600,000	5,854,000	131
April 1, 2002	29,818,000	2,134,000	49	56,454,000	4,518,000	105
May 1, 2002	31,952,000	2,231,000	50	60,972,000	4,453,000	100
June 1, 2002	34,183,000	1,361,000	32 [2]	65,425,000	3,629,000	84 [2]
July 1, 2002	35,544,000	2,016 000	45	69,054,000	4,803,000	108
August 1, 2002	37,560,000	2,082,000	47	73,857,000	4,904,000	110
September 1, 2002	39,642,000	2,118,000	49	78,761,000	4 608,000	107
October 1, 2002	41,760,000	2,136,000	48	83,369,000	4,841,000	108
November 1, 2002	43,896,000	2,242,000	52	88,210,000	4,511,000	104
December 1, 2002	46,138,000	2,612,000	59	92,721,000	4,539,000	102
January 1, 2003	48,750,000	2,829,000	63	97,260,000	4,417,000	99
February 1, 2003	51,579,000	2,390,000	59	101,677,000	4,264,000	106
March 1, 2003	53,969,000	2,617,000	59	105,941,000	4,690,000	105
April 1, 2003	56,586,000	453,000	10 [3]	110,631,000	4,554,000	105
May 1, 2003	57,039,000	2,762,000	62	115,185,000	4,743,000	106
June 1, 2003	59,801,000	1,653,000	38 [2]	119,928,000	3,422,000	79 [2]
July 1, 2003	61,454,000	2,329,000	52	123,350,000	4,002,000	90
August 1, 2003	63,783,000	2,336,000	52	127,352,000	4,139,000	93
September 1, 2003	66,119,000	2,469,000	57	131,491,000	4,037,000	93
October 1, 2003	68,588,000	2,449,000	55	135,528,000	3,897,000	87
November 1, 2003	71,037,000	2,413,000	56	139,425,000	3,691,000	85
December 1, 2003	73,450,000	2,586,000	58	143,116,000	4,156,000	93
January 1, 2004	76,036,000	2,444,000	55	147,272,000	4,065,000	91
February 1, 2004	78,480,000	2,343,000	56	151,337,000	3,907,000	94
March 1, 2004	80,823,000	2,228,000	50	155,244 000	4,361,000	98
April 1, 2004	83,051,000	1,735,000	40 [3]	159,605,000	4,051,000	94
May 1, 2004	84,786,000	2,536,000	57	163,656,000	4,848,000	109
June 1, 2004	87,322,000	1,293,000	30 [2]	168,504,000	2,195,000	51 [2]
July 1, 2004	88,615,000	2,400,000	54	170,699,000	3,134,000	70 [3]
August 1, 2004	91,015,000	2,571,000	58	173,833,000	5,289,000	118
September 1, 2004	93,586,000	2,481,000	57	179,122,000	5,137,000	119
October 1, 2004	96,067,000	2,530,000	57	184,259,000	5,372,000	120
November 1, 2004	98,597,000	2,271,000	53	189,631,000	4,922,000	114
December 1, 2004	100,868,000	2,582,000	58	194,553,000	4,542,000	102
January 1, 2005	103,450,000	2,605,000	58	199,095,000	4,706,000	105
February 1, 2005	106,055,000	2,184,000	54	203,801,000	4,330,000	107
March 1, 2005	108,239,000	2,651,000	59	208,131,000	635,000	14 [3]
April 1, 2005	110,890,000	2,689,000	62	208,766,000	690,000	16 [3]
May 1, 2005	113,579,000	1,528,000	34 [2]	209,456,000	1,114,000	25 [2]
June 1, 2005	115,107,000	2,439,000	56	210,570,000	4,064,000	94
July 1, 2005	117,546,000	1,665,000	37 [3]	214,634,000	4,271,000	96
August 1, 2005	119,211,000	2,288,000	51	218,905,000	4,355,000	98
September 1, 2005	121,499,000	2,338,000	54	223,260,000	4,295,000	99
October 1, 2005	123,837,000	1,485,000	33 [3]	227,555,000	4,282,000	96
November 1, 2005	125,322,000	646,000	15 [3]	231,837,000	3,111,000	72 [3]
December 1, 2005	125,968,000	2,212,000	50	234,948,000	3,805,000	85

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc. Site
Reading, Ohio

	EW3			EW4		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2006	128,180,000	[5]	--	238,753,000	[5]	--
February 1, 2006	60,488,240 [4]	1,836,600	46	63,036,680 [4]	4,289,200	106
March 1, 2006	62,324,840	1,984,560	44	67,325,880 [6]	--	--
April 1, 2006	64,309,400	1,881,400	44	[6]	--	--
May 1, 2006	66,190,800	1,194,600	27 [2]	--	--	--
June 1, 2006	67,385,400	1,877,160	43	--	--	--
July 1, 2006	69,262,560	1,882,520	42	--	--	--
August 1, 2006	71,145,080	1,804,920	40	--	--	--
September 1, 2006	72,950,000	2,063,360	48	--	--	--
October 1, 2006	75,013,360	1,784,320	40	--	--	--
November 1, 2006	76,797,680	1,778,320	41	--	--	--
December 1, 2006	78,576,000	1,887,000	42	--	--	--
January 1, 2007	80,463,000	1,877,000	42	--	--	--
February 1, 2007	82,340,000	1,741,000	43	--	429,144 [9]	11
March 1, 2007	84,081,000	1,846,000	41	--	2,835,872 [9 11]	64
April 1, 2007	85,927 000	1,805,000	42	--	2,652,931 [9 11]	61
May 1, 2007	87,732,000	1,021,000	23 [2 7]	--	471,649 [9]	11 [2]
June 1, 2007	88,753,000	1,816,000	42	--	--	
July 1, 2007	90,569,000	1,888,000	42	--	--	--
August 1, 2007	92,457,000	1,930,000	43	--	--	--
September 1, 2007	94,387,000	2,332,000	54	--	--	--
October 1, 2007	96,719,000	1,894,000	42	--	--	--
November 1, 2007	98,613,000	1,349,000	31	--	--	--
December 1, 2007	99,962,000	1,350,000	30	--	--	--
January 1, 2008	101,312,000	1,542,000	35	--	--	--
February 1, 2008	102,854,000	1,588,000	38	--	--	--
March 1, 2008	104,442,000	1,701,000	38	--	--	--
April 1, 2008	106,143,000	1,820,000	42	--	--	--
May 1, 2008	107 963,000	1,434,000	32 [2]	--	--	--
June 1, 2008	109,397,000	1,377,000	32	--	--	--
July 1, 2008	110,774,000	1,408,000	32	--	--	--
August 1, 2008	112,182,000	1,414,000	32	--	--	--
September 1, 2008	113,596,000	944,000	22 [12]	--	--	--
October 1, 2008	114,540,000	1,359,000	30	--	--	--
November 1, 2008	115,899,000 [13]	--	--	--	--	--
December 1, 2008	[13]	--	--	--	--	--
January 1, 2009	--	--	--	--	--	--
February 1, 2009	--	--	--	--	--	--
March 1, 2009	--	--	--	--	--	--
April 1, 2009	--	--	--	--	--	--
May 1, 2009	--	--	--	--	--	--
June 1, 2009	--	--	--	--	--	--
July 1, 2009	--	--	--	--	--	--
August 1, 2009	--	--	--	--	--	--
September 1, 2009	--	--	--	--	--	--
October 1, 2009	--	--	--	--	--	--
November 1, 2009	--	--	--	--	--	--
December 1, 2009	--	--	--	--	--	--
January 1, 2010	--	--	--	--	--	--
February 1, 2010	--	--	--	--	--	--
March 1, 2010	--	--	--	--	--	--
April 1, 2010	--	--	--	--	--	--
May 1, 2010	--	--	--	--	--	--
June 1, 2010	--	--	--	--	--	--
July 1, 2010	--	--	--	--	--	--
August 1, 2010	--	--	--	--	--	--
September 1, 2010	--	--	--	--	--	--
October 1, 2010	--	--	--	--	--	--
November 1, 2010	--	--	--	--	--	--
December 1, 2010	--	--	--	--	--	--

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc Site
Reading, Ohio

	EW3			EW4		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2011	--	--	--	--	--	--
February 1, 2011	--	--	--	--	--	--
March 1, 2011	--	--	--	--	--	--
April 1, 2011	--	--	--	--	--	--
May 1, 2011	--	--	--	--	--	--
June 1, 2011	--	--	--	--	--	--
July 1, 2011	--	--	--	--	--	--
August 1, 2011	--	--	--	--	--	--
September 1, 2011	--	--	--	--	--	--
October 1, 2011	--	--	--	--	--	--
November 1, 2011	--	--	--	--	--	--
December 1, 2011	--	--	--	--	--	--
January 1, 2012	--	--	--	--	--	--
February 1, 2012	--	--	--	--	--	--
March 1, 2012	--	--	--	--	--	--
April 1, 2012	--	--	--	--	--	--
May 1, 2012	--	--	--	--	--	--
June 1, 2012	--	--	--	--	--	--
July 1, 2012	--	--	--	--	--	--
August 1, 2012	--	--	--	--	--	--
September 1, 2012	--	--	--	--	--	--
October 1, 2012	--	--	--	--	--	--
November 1, 2012	--	--	--	--	--	--
December 1, 2012	--	--	--	--	--	--
January 1, 2013	--	--	--	--	--	--
February 1, 2013	--	--	--	--	--	--
March 1, 2013	--	--	--	--	--	--
April 1, 2013	--	--	--	--	--	--
May 1, 2013	--	--	--	--	--	--
June 1, 2013	--	--	--	--	--	--
July 1, 2013	--	--	--	--	--	--
August 1, 2013	--	--	--	--	--	--
September 1, 2013	--	--	--	--	--	--
October 1, 2013	--	--	--	--	--	--
November 1, 2013	--	--	--	--	--	--
December 1, 2013	--	--	--	--	--	--
January 1, 2014	--	--	--	--	--	--
February 1, 2014	--	--	--	--	--	--
March 1, 2014	--	--	--	--	--	--
April 1, 2014	--	--	--	--	--	--
May 1, 2014	--	--	--	--	--	--
June 1, 2014	--	--	--	--	--	--
July 1, 2014	--	--	--	--	--	--
August 1, 2014	--	--	--	--	--	--
September 1, 2014	--	--	--	--	--	--
October 1, 2014	--	--	--	--	--	--
November 1, 2014	--	--	--	--	--	--
December 1, 2014	--	--	--	--	--	--
January 1, 2015	--	--	--	--	--	--
February 1, 2015	--	--	--	--	--	--
March 1, 2015	--	--	--	--	--	--
April 1, 2015	--	--	--	--	--	--
May 1, 2015	--	--	--	--	--	--
June 1, 2015	--	--	--	--	--	--
July 1, 2015	--	--	--	--	--	--
August 1, 2015	--	--	--	--	--	--
September 1, 2015	--	--	--	--	--	--
October 1, 2015	--	--	--	--	--	--
November 1, 2015	--	--	--	--	--	--
December 1, 2015	--	--	--	--	--	--

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc Site
Reading, Ohio

	EW3			EW4		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2016	--	--	--	--	--	--
February 1, 2016	--	--	--	--	--	--
March 1, 2016	--	--	--	--	--	--
April 1, 2016	--	--	--	--	--	--
May 1, 2016	--	--	--	--	--	--
June 1, 2016	--	--	--	--	--	--
July 1, 2016	--	--	--	--	--	--
August 1, 2016	--	--	--	--	--	--
September 1, 2016	--	--	--	--	--	--
October 1, 2016	--	--	--	--	--	--
November 1, 2016	--	--	--	--	--	--
December 1, 2016	--	--	--	--	--	--
January 1, 2017						

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc Site
Reading, Ohio

	EW5		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
June 1,2001	3,563,000	3,832,000	89 [2]
July 1, 2001	7 395,000	5,954,000	133
August 1, 2001	13,349,000	5,971,000	134
September 1, 2001	19,320,000	5,272,000	122
October 1, 2001	24,592,000	5,693,000	128
November 1, 2001	30,285,000	6,036,000	140
December 1, 2001	36,321,000	4,558,000	102 [3]
January 1, 2002	40,879,000	5,604,000	126
February 1, 2002	46,483,000	4,951,000	123
March 1, 2002	51,434,000	5,798,000	130
April 1, 2002	57,232,000	4,753,000	110
May 1, 2002	61,985,000	5,036,000	113
June 1, 2002	67,021,000	4,021,000	93 [2]
July 1, 2002	71,042,000	5,120,000	115
August 1, 2002	76,162,000	5,029,000	113
September 1, 2002	81,191,000	4,711,000	109
October 1, 2002	85,902,000	5,108,000	114
November 1, 2002	91,010,000	3,909,000	90 [3]
December 1, 2002	94,919,000	4,827,000	108
January 1, 2003	99,746,000	4,802,000	108
February 1, 2003	104,548,000	4,684,000	116
March 1, 2003	109,232,000	5,181,000	116
April 1, 2003	114,413,000	4,743,000	110
May 1, 2003	119,156,000	4,966,000	111
June 1, 2003	124,122,000	3,717,000	86 [2]
July 1, 2003	127,839,000	4,589,000	103
August 1, 2003	132,428,000	4,676,000	105
September 1, 2003	137,104,000	4,270,000	99 [3]
October 1, 2003	141,374,000	2,986,000	67 [3]
November 1, 2003	144,360,000	4,187,000	97 [3]
December 1, 2003	148,547,000	4,897,000	110
January 1, 2004	153,444,000	4,821,000	108
February 1, 2004	158,265,000	4,309,000	103
March 1, 2004	162,574,000	4,871,000	109
April 1, 2004	167,445,000	4,774,000	111
May 1, 2004	172,219,000	4,705,000	105
June 1, 2004	176,924,000	2,074,000	48 [2]
July 1, 2004	178,998,000	3,336,000	75 [2]
August 1, 2004	182,334,000	4,693,000	105
September 1, 2004	187,027,000	4,573,000	106
October 1, 2004	191,600,000	4,706,000	105
November 1, 2004	196,306,000	4,636,000	107
December 1, 2004	200,942,000	5,399,000	121
January 1, 2005	206,341,000	5,289,000	118
February 1, 2005	211,630,000	4,541,000	113
March 1, 2005	216,171,000	5,730,000	128
April 1, 2005	221,901,000	6,760,000	156
May 1, 2005	228,661,000	3,733,000	84 [2]
June 1, 2005	232,394,000	5,545,000	128
July 1, 2005	237,939,000	5,705,000	128
August 1, 2005	243,644,000	5,629,000	126
September 1, 2005	249,273,000	5,366,000	124
October 1, 2005	254,639,000	5,592,000	125
November 1, 2005	260,231,000	4,026,000	93 [3]
December 1, 2005	264,257,000	4,885,000	109

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc Site
Reading, Ohio

Date	EW5 Estimated Total Volume (gallons)	EW5 Estimated Monthly Volume (gallons)	EW5 Estimated Average Pumping Rate (gpm)
January 1, 2006	269,142,000	[5]	--
February 1 2006	94,225 320 [4]	4,656,320	115
March 1, 2006	98,881,640	3,840,000	86
April 1, 2006	102,721,640	2,768,360	64
May 1, 2006	105,490,000	1,722,280	39 [2]
June 1, 2006	107,212,280	2,948,360	68
July 1, 2006	110,160,640	3,035,440	68
August 1, 2006	113,196,080	2,893,920	65
September 1, 2006	116,090,000	3,367,360	78
October 1, 2006	119,457,360	2,714,320	61
November 1, 2006	122,171,680	2,721,320	63
December 1, 2006	124,893,000	2,920,000	65
January 1, 2007	127,813,000	3,087,000	69
February 1, 2007	130,900,000	2,082,000	52 [6 10]
March 1, 2007	132,982 000	130,000	3 [11]
April 1, 2007	133,112,000	132,000	3 [11]
May 1, 2007	133,244,000	1,061,000	24 [7 10]
June 1, 2007	134 305,000	2,753,000	64
July 1, 2007	137,058,000	2,797,000	63
August 1, 2007	139 855,000	3,056,000	68
September 1, 2007	142,911,000	2,994,000	69
October 1, 2007	145,905,000	3,060,000	69
November 1, 2007	148,965,000	2,670,000	62
December 1, 2007	151,635,000	2,390,000	54
January 1, 2008	154,025,000	2,798,000	63
February 1, 2008	156,823,000	2,799,000	67
March 1, 2008	159,622,000	3,011,000	67
April 1, 2008	162,633,000	2,755,000	64
May 1, 2008	165,388,000	1,474,000	33 [2]
June 1, 2008	166,862,000	2,631,000	61
July 1, 2008	169,493,000	2,822,000	63
August 1, 2008	172,315,000	2,830,000	63
September 1, 2008	175,145,000	2,014,000	47 [12]
October 1, 2008	177,159,000	2,853,000	64
November 1, 2008	180,012,000	3,258,000	75 [13]
December 1, 2008	183,270,000	3,695,000	83 [13]
January 1, 2009	186,965,000	3,780,000	85
February 1, 2009	190,745,000	3,335,000	83
March 1, 2009	194,080,000	3,634,000	81
April 1, 2009	197,714,000	2,346,000	54 [2]
May 1, 2009	200,060,000	2,926,000	66 [2]
June 1, 2009	202,986,000	3,624,000	84
July 1, 2009	206,610,000	3,805,000	85
August 1, 2009	210,415,000	3,694,000	83
September 1, 2009	214,109,000	3,668,000	85
October 1, 2009	217,777,000	3,781,000	85
November 1, 2009	221,558,000	3,588,000	83
December 1, 2009	225,146,000	3,682,000	82
January 1, 2010	228,828,000	3,574,000	80
February 1, 2010	232,402,000	3,342,000	83
March 1, 2010	235,744,000	3,542,000	79
April 1, 2010	239,286,000	2,187,000	51 [2]
May 1, 2010	241,473,000	3,366,000	75 [2]
June 1, 2010	244,839,000	3,500,000	81
July 1, 2010	248,339,000	3,622,000	81
August 1, 2010	251,961,000	3,670,000	82
September 1, 2010	255,631,000	3,456,640	80
October 1, 2010	259,087,640	3,373,680	76 [15]
November 1, 2010	262,461,320	3,540,160	82
December 1, 2010	266,001,480	3,529,520	79

Table 2 5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc Site
Reading, Ohio

	EW5		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2011	269,531,000	3,485,000	78
February 1, 2011	273,016,000	3,419,000	85
March 1, 2011	276,435,000	3,443,000	77
April 1, 2011	279,878,000	3,682,000	85
May 1, 2011	283,560,000	1,855,000	42 [2]
June 1, 2011	285,415,000	--	-- [16]
July 1, 2011	--	--	--
August 1, 2011	--	--	--
September 1, 2011	--	--	--
October 1, 2011	--	--	--
November 1, 2011	--	--	--
December 1, 2011	--	--	--
January 1, 2012	--	--	--
February 1, 2012	--	--	--
March 1, 2012	--	--	--
April 1, 2012	--	--	--
May 1, 2012	--	--	--
June 1, 2012	--	--	--
July 1, 2012	--	--	--
August 1, 2012	--	--	--
September 1, 2012	--	--	--
October 1, 2012	--	--	--
November 1, 2012	--	--	--
December 1, 2012	--	--	--
January 1, 2013	--	--	--
February 1, 2013	--	--	--
March 1, 2013	--	--	--
April 1, 2013	--	--	--
May 1, 2013	--	--	--
June 1, 2013	--	--	--
July 1, 2013	--	--	--
August 1, 2013	--	--	--
September 1, 2013	--	--	--
October 1, 2013	--	--	--
November 1, 2013	--	--	--
December 1, 2013	--	--	--
January 1, 2014	--	--	--
February 1, 2014	--	--	--
March 1, 2014	--	--	--
April 1, 2014	--	--	--
May 1, 2014	--	--	--
June 1, 2014	--	--	--
July 1, 2014	--	--	--
August 1, 2014	--	--	--
September 1, 2014	--	--	--
October 1, 2014	--	--	--
November 1, 2014	--	--	--
December 1, 2014	--	--	--
January 1, 2015	--	--	--
February 1, 2015	--	--	--
March 1, 2015	--	--	--
April 1, 2015	--	--	--
May 1, 2015	--	--	--
June 1, 2015	--	--	--
July 1, 2015	--	--	--
August 1, 2015	--	--	--
September 1, 2015	--	--	--
October 1, 2015	--	--	--
November 1, 2015	--	--	--
December 1, 2015	--	--	--

Table 2.5

Lower Aquifer extraction Wells Groundwater Pumped Volumes[1]
Pristine, Inc. Site
Reading, Ohio

	EW5		
Date	Estimated Total Volume (gallons)	Estimated Monthly Volume (gallons)	Estimated Average Pumping Rate (gpm)
January 1, 2016	--	--	--
February 1, 2016	--	--	--
March 1, 2016	--	--	--
April 1, 2016	--	--	--
May 1, 2016	--	--	--
June 1, 2016	--	--	--
July 1, 2016	--	--	--
August 1, 2016	--	--	--
September 1, 2016	--	--	--
October 1, 2016	--	--	--
November 1, 2016	--	--	--
December 1, 2016	--	--	--
January 1, 2017			

Notes
1 Volumes are based upon instantaneous readings recorded since May 6, 2001
2 Extraction wells shutdown for part of the time during scheduled annual maintenance
3 Extraction well pump or treatment system down for repairs part of the time
4 The drastic decrease in the Estimated Total Volume (starting February 1, 2006) is due to a loss of data in the programmable logic controller (PLC)
5 Counter malfunction
6 Extraction well turned off as part of the second pumping rate reduction
7 The computer system crashed mid-April and had to be replaced Some data were lost
8 Some volume data for EW5 was lost at the beginning of February Volume used is extrapolated over 1-31 and 2-3
9 EW4 volumes were estimated using the total volume minus EW1, EW3, and EW5 volumes EW4 started on February 20 and stopped May 7
10 EW5 offline part of the time because of short circuit at electrical box starting February 20 through May 21
11 EW5 was offline during these months The volumes recorded were not used in EW4 volume calculations
12 Treatment system down for 9 days due to city-wide power outage
13 On November 11, 2008, EW3 was shut down and the pumping rate of EW5 was increased approximately 25 gallons per minute (gpm)
14 The EW1 data file for October 2009 was corrupted EW1 volume for October 1 was interpolated based on September and November values
15 Power outage occurred during month
16 EW5 was shutdown as of June 2011 for system flow reduction
17 PLC faulted due to power outage, PLC EW 1 counter reset to higher value on 9/2/14, flow adjusted/estimated for 9/1/14

Table 4.1

2016 Zone A and Zone B Groundwater Influent Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		**Zone A Influent**	**Zone B Influent**
Sample ID:		**W-080216-GL-1223-SGW**	**W-080216-GL-1224-SGW**
Sample Date:		**8/2/2016**	**8/2/2016**
Parameters	**Units**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	ND (1 0)	0 48 J
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	ND (1 0)	3 9
Acetone	µg/L	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	11	5 7
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	0 36 J	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (1 0)	ND (1 0)
Trichloroethene	µg/L	ND (1 0)	ND (1 0)
Vinyl chloride	µg/L	0 30 J	ND (1 0)
Xylene (total)	µg/L	ND (1 0)	ND (1 0)

Notes

µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at the associated reporting limit

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates X Easting	Coordinates Y Northing	Water Level Elevations 6/9/1998 (ft AMSL)	7/9/1998 (ft AMSL)	8/6/1998 (ft AMSL)	9/8/1998 (ft AMSL)	10/8/1998 (ft AMSL)	10/29/1998 (ft AMSL)	11/10/1998 (ft AMSL)	11/25/1998 (ft AMSL)	12/12/1998 (ft AMSL)	1/13/1999 (ft AMSL)	2/9/1999 (ft AMSL)
GW-P1	577 37	4989 2290	5091 4092	564 19	564 08	564 24	563 91	564 04	563 81	563 65	563 50	563 91	565 13	566 01
GW-P2	585 38	4951 9371	4988 0791	563 68	564 03	564 17	563 69	563 65	563 53	563 42	563 66	563 45	563 84	565 14
GW-P3	587 21	4957 7383	4894 0700	562 56	563.53	562 96	562 48	562 39	562 28	562 50	562 42	563 12	562 58	564 45
GW-P4	584 63	4877 3483	4804 5238	557 54	559 18	562 93	562 82	561 48	560 95	561 84	561 24	563 12	563 66	564 40
GW-P5	582 83	4858 3962	4704 6101	560 33	562 29	562 07	562 05	560 99	560 77	560 35	560 61	561 97	562 91	563 33
GW-P6	570 26	4788 3414	4757 6049	543 82	552 17	543 88	542 64	542 36	542 38	542 23	542 19	542 21	543 34	544 46
GW-P7	568 48	4794 0167	4778 2665	544 05	544 15	543 69	544 87	545 19	544 97	545 09	545 07	545 44	547 80	547 98
GW-P8	567 84	4798 3672	4801 0097	549 41	541 62	549 93	545 26	565 63	548 02	546 04	550 29	551 83	566 65	565 02
GW-P9	566 38	4801 8718	4826 1330	546 05	544 04	545 67	544 99	545 20	545 34	544 86	545 67	545 20	545 89	547 46
GW45	581 29	4985 1380	5029 7870	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	561 52[2]	561 69[2]	562 60[2]	562 70[2]	562 29[2]	562 20[2]	562 12[2]	561 70[2]	562 94[2]	563 90[2]	564 07[2]
GW47	580 72	4992 0571	4862 9135	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GW50	575 05	4865 2457	5101 7101	556 94	557 16	558 60	555 89	556 67	556 52	556 53	556 88	557 31	558 96	559 72
GW51	574 67	4859 6849	5103 7889	556 58	556 55	558 05	555 78	555 80	556 05	555 79	556 15	556 54	558 02	559 22
GW53	575 48	4838 3077	4857 7980	562 09	560 94	562 18	562 00	561 16	560 89	561 45	560 44	562 38	563 07	563 78
GW54	575 05	4838 6327	4863 7900	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed
GW55	576 22	4812 4389	4667 8437	dry	dry	546 67	547 06	551 60	546 38	546 25	546 16	546 06	546 01	547 01
GW56	576 96	4815 5546	4663 8628	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed
GW59	564 70	4704 3116	5089 9628	551 58	551 54	550 94	549 75	550 06	549 72	549 86	549 75	549 90	552 48	555 34
GW60A	565 09	4710 3767	5089 3193	551 70	551 65	551 05	549 80	550 07	549 77	549 87	549 83	549 93	552 61	555 31
GW62	557 86	4618 5192	4530 1832	547 05	dry	546 21	NA	549 12	dry	546 94	dry	dry	dry	552 86
GW63	577 97	4828 2844	4772 3040	543 50	543 53	542 98	542 72	542 00	542 93	541 45	543 06	542 05	543 40	544 37
GW64	576 86	5055 6560	4616 3270	567 23	567 20	566 79	565 90	565 97	565 79	565 88	565 80	565 62	566 62	568 19
GW65	576 82	5055 5930	4623 7410	540 81	541 23	540 13	539 09	538 55	538 07	537 95	537 83	537 47	538 77	539 04
GW66	575 67	5060 2910	4963 4780	565 73	564 35	564 83	564 78	564 83	564 23	563 52	563 31	564 43	565 12	565 97

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates X Easting	Coordinates Y Northing	Water Level Elevations 3/17/1999 (ft AMSL)	4/12/1999 (ft AMSL)	6/16/1999 (ft AMSL)	8/16/1999 (ft AMSL)	10/19/1999 (ft AMSL)	11/22/1999 (ft AMSL)	12/9/1999 (ft AMSL)	3/27/2000 (ft AMSL)	4/4/2000 (ft AMSL)	5/30/2000 (ft AMSL)	7/31/2000 (ft AMSL)
GW-P1	577 37	4989 2290	5091 4092	565 86	564 77	563 89	563 45	563 73	563 31	563 17	565 59	566 29	563 39	563 69
GW-P2	585 38	4951 9371	4988 0791	564 59	563 90	563 52	563 23	563 37	563 36	563 20	563 71	563 92	563 06	563 55
GW-P3	587 21	4957 7383	4894 0700	564 89	564 54	563 24	562 71	562 98	562 72	562 66	562 49	562 45	561 12	561 98
GW-P4	584 63	4877 3483	4804 5238	565 52	564 02	563 24	562 73	563 02	562 64	562 69	561 23	564 76	559 05	562 29
GW-P5	582 83	4858 3962	4704 6101	564 33	563 78	562 48	562 22	562 25	562 15	562 07	560 09	560 12	dry	560 53
GW-P6	570 26	4788 3414	4757 6049	543 89	543 36	542 25	541 88	542 09	542 11	541 87	543 60	543 82	542 79	542 67
GW-P7	568 48	4794 0167	4778 2665	546 24	545 44	542 80	dry	545 64	dry	544 66	546 64	549 24	dry	543 98
GW-P8	567 84	4798 3672	4801 0097	556 34	548 85	543 96	544 14	548 96	543 88	543 82	556 08	565 74	541 86	543 94
GW-P9	566 38	4801 8718	4826 1330	548 21	546 66	543 78	544 24	544 48	545 00	545 08	545 49	545 77	543 94	545 95
GW45	581 29	4985 1380	5029 7870	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	564 91[2]	564 53[2]	562 87[2]	562 56[2]	562 67[2]	562 55[2]	562 69[2]	562 43[2]	562 34[2]	561 21[2]	561 95[2]
GW47	580 72	4992 0571	4862 9135	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GW50	575 05	4865 2457	5101 7101	559 26	558 66	555 35	555 27	554 07	554 63	557 18	558 08	558 14	555 66	555 37
GW51	574 67	4859 6849	5103 7889	560 77	559 56	555 31	554 41	553 54	553 66	554 25	557 48	556 30	555 53	555 12
GW53	575 48	4838 3077	4857 7980	564 43	564 09	562 48	562 11	562 32	562 05	562 04	561 40	561 93	560 20	561 13
GW54	575 05	4838 6327	4863 7900	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed
GW55	576 22	4812 4389	4667 8437	546 89	546 73	546 14	545 78	545 48	dry	NA	546 08	546 04	dry	545 50
GW56	576 96	4815 5546	4663 8628	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	538 59	538 65	537 51	537 97
GW59	564 70	4704 3116	5089 9628	554 71	552 83	554 04	549 40	549 52	549 19	549 27	555 33	556 37	550 91	549 74
GW60A	565 09	4710 3767	5089 3193	554 66	552 86	553 30	549 50	549 59	549 27	549 36	555 10	556 04	550 80	549 75
GW62	557 86	4618 5192	4530 1832	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
GW63	577 97	4828 2844	4772 3040	544 20	543 05	541 16	540 80	542 06	541 53	541 86	543 28	543 48	541 17	541 77
GW64	576 86	5055 6560	4616 3270	567 98	566 77	566 15	565 36	565 40	564 98	564 43	567 86	568 86	566 14	565 47
GW65	576 82	5055 5930	4623 7410	538 84	538 97	537 81	536 31	536 82	535 64	536 04	538 49	538 65	537 70	537 35
GW66	575 67	5060 2910	4963 4780	565 37	564 89	565 31	563 98	564 12	563 54	563 50	565 80	566 19	564 14	564 90

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates X Easting	Coordinates Y Northing	Water Level Elevations 9/27/2000 (ft AMSL)	11/27/2000 (ft AMSL)	1/15/2001 (ft AMSL)	4/10/2001 (ft AMSL)	7/23/2001 (ft AMSL)	8/28/2001 (ft AMSL)	11/30/2001 (ft AMSL)	1/30/2002 (ft AMSL)	5/1/2002 (ft AMSL)	7/8/2002 (ft AMSL)	10/22/2002 (ft AMSL)
GW-P1	577 37	4989 2290	5091 4092	563 76	563 42	563 53	563 90	566 91	565 27	564 46	565 36	566 87	564 85	564 16
GW-P2	585 38	4951 9371	4988 0791	563 46	562 89	562 43	562 80	564 79	563 82	563 79	564 47	565 55	563 75	563 35
GW-P3	587 21	4957 7383	4894 0700	561 67	561 41	562 22	562 45	564 40	562 24	563 21	564 49	565 15	562 94	561 63
GW-P4	584 63	4877 3483	4804 5238	561 47	560 60	562 15	561 39	563 90	561 54	563 19	564 34	561 89	562 52	560 64
GW-P5	582 83	4858 3962	4704 6101	559 93	559 84	dry	560 63	562 53	560 44	559 02	559 12	559 86	560 41	560 05
GW-P6	570 26	4788 3414	4757 6049	542 43	542 56	542 95	542 70	545 24	543 25	542 41	543 15	544 95	542 54	542 88
GW-P7	568 48	4794 0167	4778 2665	546 31	545 12	545 23	dry	546 62	dry	546 82	dry	545 97	dry	dry
GW-P8	567 84	4798 3672	4801 0097	554 27	545 46	545 06	545 29	563 04	545 52	566 57	obstructed	561 44	542 93	547 19
GW-P9	566 38	4801 8718	4826 1330	542 40	543 25	544 51	544 28	546 62	544 45	543 96	544 57	546 12	544 14	544 15
GW45	581 29	4985 1380	5029 7870	dry	dry	dry	dry	dry	568 98	dry	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	561 85[2]	561 45[2]	562 16[2]	NA	NA	NA	NA	NA	NA	563 03	562 55
GW47	580 72	4992 0571	4862 9135	NA	NA	NA	536 74	537 87	537 34	537 54	538 63	539 97	539 44	536 90
GW50	575 05	4865 2457	5101 7101	555 63	547 61	553 06	554 41	560 31	558 16	556 29	559 47	560 43	558 96	556 35
GW51	574 67	4859 6849	5103 7889	555 28	552 91	553 71	554 74	560 15	557 75	557 35	559 10	561 50	555 38	555 25
GW53	575 48	4838 3077	4857 7980	560 75	560 46	561 53	561 88	563 37	561 17	561 63	564 05	564 31	562 08	560 05
GW54	575 05	4838 6327	4863 7900	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed
GW55	576 22	4812 4389	4667 8437	545 81	dry	dry[3]	dry	dry	546 38	546 02	546 63	545 93	546 63	545 94
GW56	576 96	4815 5546	4663 8628	538 22	537 94	538 94[3]	537 99	538 29	537 97	537 96	538 48	540 19	539 36	537 86
GW59	564 70	4704 3116	5089 9628	549 83	549 00	550 26	550 65	555 99	551 63	NA	553 95	556 49	551 79	549 91
GW60A	565 09	4710 3767	5089 3193	549 83	549 79	550 17	550 63	555 88	551 52	552 19	553 78	556 29	551 63	549 83
GW62	557 86	4618 5192	4530 1832	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
GW63	577 97	4828 2844	4772 3040	542 27	543 29	542 82	542 35	544 12	542 41	542 32	542 53	544 21	542 54	542 02
GW64	576 86	5055 6560	4616 3270	565 25	565 65	565 71	566 01	567 38	566 14	566 43	566 55	568 74	566 82	565 97
GW65	576 82	5055 5930	4623 7410	537 17	536 75	536 75	536 87	537 26	537 00	537 65	538 54	540 04	539 29	536 94
GW66	575 67	5060 2910	4963 4780	564 55	563 62	563 93	564 06	565 34	564 17	564 50	566 04	566 36	565 93	564 99

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates X Easting	Coordinates Y Northing	Water Level Elevations 2/7/2003 (ft AMSL)	4/9/2003 (ft AMSL)	7/3/2003 (ft AMSL)	12/9/2003 (ft AMSL)	3/10/2004 (ft AMSL)	5/27/2004 (ft. AMSL)	8/8/2004 (ft. AMSL)	10/4/2004 (ft. AMSL)	11/18/2004 (ft. AMSL)	2/8/2005 (ft. AMSL)	6/15/2005 (ft. AMSL)
GW-P1	577 37	4989 2290	5091 4092	564 89	565 50	565 22	565 56	565 40	565 49	564 44	564 02	565 79	566 23	560 75
GW-P2	585 38	4951 9371	4988 0791	563 81	564 19	564 06	564 16	564 30	564 09	564 06	563 60	564 48	565 15	564 01
GW-P3	587 21	4957 7383	4894 0700	562 57	563 10	562 77	563 72	564 10	563 90	563 48	562 94	563 72	565 46	563 82
GW-P4	584 63	4877 3483	4804 5238	561 82	562 22	561 74	563 60	564 13	563 92	563 30	562 55	563 04	565 68	563 58
GW-P5	582 83	4858 3962	4704 6101	559 87	560 18	560 03	562 31	562 45	562 83	561 84	561 98	562 54	564 19	560 76
GW-P6	570 26	4788 3414	4757 6049	543 14	543 54	543 47	543 42	543 20	543 40	542 65	542 18	542 83	544 30	543 24
GW-P7	568 48	4794 0167	4778 2665	dry	545 06	dry	dry	dry	dry	dry	dry	dry	dry	545 08
GW-P8	567 84	4798 3672	4801 0097	547 17	548 50	548 96	553 86	547 20	548 73	558 53[6]	543 88	558 51[6]	551 49	558 11
GW-P9	566 38	4801 8718	4826 1330	545 23	545 57	545 35	544 77	544 91	545 34	542 88	542 67	544 75	546 08	544 87
GW45	581 29	4985 1380	5029 7870	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	562 94	563 07	562 83	563 61	564 10	563 83	538 38	563 04	563 64	565 57	563 91
GW47	580 72	4992 0571	4862 9135	538 37	539 03	538 94	539 02	539 26	539 51	538 38	536 68	537 30	539 87	537 77
GW50	575 05	4865 2457	5101 7101	557 74	558 64	558 23	557 89	558 40	558 11	557 07	555 44	557 65	559 98	557 10
GW51	574 67	4859 6849	5103 7889	557 12	558 20	557 36	557 87	557 83	557 66	556 94	554 89	557 71	558 76	556 80
GW53	575 48	4838 3077	4857 7980	561 39	561 84	561 46	562 71	563 61	562 91	562 39	562 03	562 51	565 03	562 87
GW54	575 05	4838 6327	4863 7900	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed
GW55	576 22	4812 4389	4667 8437	545 45	dry	545 81	545 41	dry	dry	545 77	545 48	dry	dry	546 00[3]
GW56	576 96	4815 5546	4663 8628	538 33	538 96	539 01	538 98	539 16	539 46	538 49	537 83	537 89	539 77	538 22[3]
GW59	564 70	4704 3116	5089 9628	551 63	554 48	551 60	552 27	552 99	NA[5]	550 06	549 45	551 62	554 09	550 53
GW60A	565 09	4710 3767	5089 3193	551 48	554 24	551 33	552 12	552 96	NA[5]	550 18	549 42	551 39	553 95	550 98
GW62	557 86	4618 5192	4530 1832	dry	550 04	dry	546 59	dry	549 33	dry	dry	548 40	548 16	548 86
GW63	577 97	4828 2844	4772 3040	542 59	543 44	542 94	NA[4]	NA[4]	542 97	541 89	541 43	542 73	543 70	542 67
GW64	576 86	5055 6560	4616 3270	566 40	567 52	566 89	567 06	566 82	567 32	566 06	565 55	567 39	567 66	566 75
GW65	576 82	5055 5930	4623 7410	537 89	539 08	539 04	539 23	539 57	539 57	538 28	536 75	537 44	540 07	537 70
GW66	575 67	5060 2910	4963 4780	565 61	566 41	566 11	565 87	566 26	566 37	565 52	564 91	565 85	566 72	566 04

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates X Easting	Coordinates Y Northing	Water Level Elevations 7/7/2005 (ft. AMSL)	11/1/2005 (ft. AMSL)	3/7/2006 (ft AMSL)	6/6/2006 (ft. AMSL)	10/18/2006 (ft. AMSL)	12/22/2006 (ft. AMSL)	1/8/2007 (ft. AMSL)	4/3/2007 (ft. AMSL)	7/17/2007 (ft. AMSL)	12/28/2007 (ft. AMSL)	3/17/2008 (ft. AMSL)
GW-P1	577 37	4989 2290	5091 4092	564 95	564 29	565 03	564 88	564 86	565 31	566 66	566 00	564 16	566 32	567 62
GW-P2	585 38	4951 9371	4988 0791	563 60	563 73	563 95	563 71	563 84	564 12	564 83	564 35	563 51	564 68	565 35
GW-P3	587 21	4957 7383	4894 0700	562 74	562 54	564 25	563 54	563 62	564 26	565 09	564 81	561 96	564 39	565 96
GW-P4	584 63	4877 3483	4804 5238	562 35	562 21	564 53	563 63	563 77	564 35	565 35	564 92	560 92	564 37	566 34
GW-P5	582 83	4858 3962	4704 6101	560 86	560 89	563 16	561 99	564 61	562 99	565 94	564 09	NA	563 10	564 09
GW-P6	570 26	4788 3414	4757 6049	542 79	541 81	543 22	543 20	542 85	543 35	543 68	543 93	542 30	543 74	544 73
GW-P7	568 48	4794 0167	4778 2665	dry	dry	dry	dry	545 45	dry	546 80	dry	dry	dry	545 87
GW-P8	567 84	4798 3672	4801 0097	547 11	543 24	546 06	544 73	566 17	549 54	565 63	546 71	543 49	556 32	564 54
GW-P9	566 38	4801 8718	4826 1330	544 38	543 78	545 00	544 85	544 53	545 29	545 61	545 98	544 27	545 91	547 10
GW45	581 29	4985 1380	5029 7870	dry	dry	dry	dry	dry	dry	570 01	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	562 99	562 89	564 26	563 70	563 52	564 25	565 15	564 82	562 73	564 30	566 23
GW47	580 72	4992 0571	4862 9135	536 21	536 79	537 39	539 53	538 68	539 55	539 93	540 79	538 80	539 80	541 01
GW50	575 05	4865 2457	5101 7101	556 06	554 17	557 30	555 24	555 80	558 44	559 31	558 67	555 62	dry	560 45
GW51	574 67	4859 6849	5103 7889	555 92	NA	556 79	554 42	556 19	558 21	559 16	558 53	554 88	558 61	559 79
GW53	575 48	4838 3077	4857 7980	561 83	561 43	563 82	562 72	562 84	563 72	564 82	564 46	560 27	563 52	565 36
GW54	575 05	4838 6327	4863 7900	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed
GW55	576 22	4812 4389	4667 8437	545 88[3]	545 71[3]	dry	dry	545 46[3]	544 72[3]	dry[3]	dry	dry[3]	dry[3]	dry
GW56	576 96	4815 5546	4663 8628	537 85[3]	537 78[3]	537 90	539 46	538 60[3]	NA[3]	539 89[3]	540 71	538 80[3]	539 74[3]	540 99
GW59	564 70	4704 3116	5089 9628	550 05	549 38	551 43	550 48	550 59	552 22	555 89	553 11	549 75	554 91	556 76
GW60A	565 09	4710 3767	5089 3193	549 93	549 37	551 33	550 38	550 95	552 17	555 41	552 94	549 63	554 57	556 31
GW62	557 86	4618 5192	4530 1832	dry	dry	dry	dry	547 45	dry	551 26	547 84	NA	547 84	551 71
GW63	577 97	4828 2844	4772 3040	541 80	541 20	542 41	542 49	542 07	542 51	543 26	543 39	541 75	543 28	544 43
GW64	576 86	5055 6560	4616 3270	566 51	565 73	566 62	566 53	566 40	566 61	567 85	567 37	565 92	567 19	569 45
GW65	576 82	5055 5930	4623 7410	536 35	537 08	537 45	539 67	538 98	539 82	540 28	540 98	539 03	540 10	541 20
GW66	575 67	5060 2910	4963 4780	565 53	564 59	565 73	565 58	565 06	565 54	566 41	566 61	564 95	566 41	568 05

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates X Easting	Coordinates Y Northing	Water Level Elevations 7/29/2008 (ft. AMSL)	12/12/2008 (ft. AMSL)	2/12/2009 (ft. AMSL)	6/3/2009 (ft. AMSL)	7/6/2009 (ft. AMSL)	10/2/2009 (ft AMSL)	12/29/2009 (ft. AMSL)	2/5/2010 (ft. AMSL)	5/11/2010 (ft AMSL)	7/12/2010 (ft. AMSL)	12/17/2010 (ft. AMSL)
GW-P1	577 37	4989 2290	5091 4092	564 28	563 37	566 16	564 93	564 97	565 10	565 97	565 75	565 78	565 91	565 79
GW-P2	585 38	4951 9371	4988 0791	563 21	562 87	563 56	563 58	563 66	563 67	564 18	564 20	564 44	564 68	564 16
GW-P3	587 21	4957 7383	4894 0700	563 30	561 96	562 89	562 71	562 93	563 21	564 36	564 29	564 63	564 89	563 20
GW-P4	584 63	4877 3483	4804 5238	563 50	560 90	561 90	561 63	562 70	563 14	564 54	564 56	564 89	565 04	561 72
GW-P5	582 83	4858 3962	4704 6101	562 67	561 30	dry	562 71	dry	573 09	563 31	562 99	563 57	566 67[6]	562 38
GW-P6	570 26	4788 3414	4757 6049	542 90	541 73	543 45	543 12	542 91	542 09	542 96	543 30	543 71	544 02	542 88
GW-P7	568 48	4794 0167	4778 2665	dry	dry	545 44	545 91	dry	dry	dry	dry	dry	dry	dry
GW-P8	567 84	4798 3672	4801 0097	544 36	544 92	566 24	563 63	544 65	543 43	553 24	551 94	547 11	549 83	548 05
GW-P9	566 38	4801 8718	4826 1330	544 73	543 46	546 11	545 09	544 89	543 98	545 08	545 81	545 72	545 86	545 15
GW45	581 29	4985 1380	5029 7870	dry	dry	569 91	dry	dry	dry	dry	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	563 40	562 47	563 17	563 04	563 12	563 44	564 41	564 38	564 86	565 27	563 69
GW47	580 72	4992 0571	4862 9135	539 86	538 29	538 85	539 64	539 60	539 23	539 32	539 67	540 36	540 13	538 71
GW50	575 05	4865 2457	5101 7101	555 57	553 42	553 94	555 23	554 90	553 67	557 93	558 38	558 29	558 53	557 22
GW51	574 67	4859 6849	5103 7889	554 44	551 52	555 97	555 94	554 57	552 32	557 72	558 27	558 18	558 06	556 78
GW53	575 48	4838 3077	4857 7980	562 61	560 84	562 23	561 71	561 95	562 32	563 65	563 58	559 06[6]	564 22	561 95
GW54	575 05	4838 6327	4863 7900	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	obstructed	damaged	damaged	damaged	damaged
GW55	576 22	4812 4389	4667 8437	545 99	545 43	dry	dry	dry	545 57	542 87[6]	545 88	546 07	545 86	545 44
GW56	576 96	4815 5546	4663 8628	539 99	538 05	538 98	539 52	539 51	539 19	539 16	539 76	540 41	540 30	538 64
GW59	564 70	4704 3116	5089 9628	549 82	548 93	554 85	550 46	550 20	549 54	551 79	553 18	553 42	553 27	552 42
GW60A	565 09	4710 3767	5089 3193	549 70	549 00	554 33	550 66	550 16	549 64	551 74	553 07	553 38	553 32	552 16
GW62	557 86	4618 5192	4530 1832	dry	dry	549 93	549 34	NA	dry	546 37	549 04	548 17	dry	dry
GW63	577 97	4828 2844	4772 3040	542 38	541 06	542 30	542 45	542 30	541 44	541 87	542 64	543 14	543 31	542 25
GW64	576 86	5055 6560	4616 3270	566 36	565 01	566 03	566 67	566 52	566 36	566 22	566 60	567 30	568 11	565 74
GW65	576 82	5055 5930	4623 7410	538 19	538 55	539 48	539 87	539 85	539 51	539 59	539 91	540 58	540 60	539 12
GW66	575 67	5060 2910	4963 4780	565 09	563 76	565 05	565 46	565 50	565 10	565 55	566 15	566 78	566 23	NA

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates		Water Level Elevations										
		X Easting	Y Northing	3/3/2011 (ft. AMSL)	4/28/2011 (ft. AMSL)	8/1/2011 (ft. AMSL)	11/8/2011 (ft. AMSL)	1/30/2012 (ft. AMSL)	4/11/2012 (ft. AMSL)	7/9/2012 (ft. AMSL)	10/30/2012 (ft. AMSL)	1/16/2013 (ft AMSL)	4/17/2013 (ft. AMSL)	7/15/2013 (ft AMSL)
GW-P1	577 37	4989 2290	5091 4092	567 41	569 26	565 12	566 65	568 17	566 05	564 75	564 20	567 16	566 70	566 35
GW-P2	585 38	4951 9371	4988 0791	565 40	565 84	563 96	564 18	565 64	564 34	564 07	563 45	564 66	564 54	565 40
GW-P3	587 21	4957 7383	4894 0700	564 88	567 81	563 09	563 75	566 76	564 13	563 54	562 53	564 02	565 80	565 83
GW-P4	584 63	4877 3483	4804 5238	563 78	568 98	561 76	563 21	567 39	564 04	563 49	561 74	563 45	565 65	566 09
GW-P5	582 83	4858 3962	4704 6101	565 01	566 73	561 92	dry	565 79	563 34	562 81	559 16	563 14	579 38	565 08
GW-P6	570 26	4788 3414	4757 6049	545 20	548 51	543 29	543 46	546 57	544 05	543 15	542 03	543 46	544 07	545 30
GW-P7	568 48	4794 0167	4778 2665	545 78	551 77	dry	dry	548 08	dry	dry	dry	dry	dry	545 03
GW-P8	567 84	4798 3672	4801 0097	562 03	565 50	545 22	547 44	564 78	547 79	544 34	544 35	551 70	545 52	552 48
GW-P9	566 38	4801 8718	4826 1330	546 92	549 45	544 87	545 53	548 24	545 66	542 94	544 67	545 96	546 03	546 56
GW45	581 29	4985 1380	5029 7870	dry	573 05	dry	dry	dry	dry	dry	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	564 79	568 52	563 52	564 05	567 07	564 40	563 75	562 99	564 14	565 11	566 00
GW47	580 72	4992 0571	4862 9135	539 66	542 40	540 24	539 91	541 67	540 43	539 07	538 21	539 13	539 86	540 61
GW50	575 05	4865 2457	5101 7101	559 46	561 23	554 20	557 84	559 74	557 60	556 19	553 86	558 01	558 70	558 96
GW51	574 67	4859 6849	5103 7889	559 48	560 45	554 83	558 00	559 70	556 95	556 32	554 35	558 02	558 36	558 73
GW53	575 48	4838 3077	4857 7980	563 80	567 21	561 99	562 66	566 20	563 42	562 60	561 62	563 00	564 91	565 02
GW54	575 05	4838 6327	4863 7900	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged
GW55	576 22	4812 4389	4667 8437	dry	546 39	539 57	539 22	546 12	546 02	545 56	545 46	dry	546 55	546 09
GW56	576 96	4815 5546	4663 8628	540 07	543 17	546 99	546 46	542 16	540 35	538 81	538 22	539 19	539 86	540 80
GW59	564 70	4704 3116	5089 9628	556 46	558 40	550 37	552 13	557 10	552 15	550 54	549 67	555 16	555 67	554 68
GW60A	565 09	4710 3767	5089 3193	555 84	557 80	550 36	552 22	556 71	552 34	550 43	549 65	554 88	555 55	554 01
GW62	557 86	4618 5192	4530 1832	553 50	553 15	546 04	551 56	dry	547 50	dry	dry	553 64	dry	dry
GW63	577 97	4828 2844	4772 3040	544 21	547 24	542 94	542 55	545 90	543 20	542 24	541 44	542 54	543 25	543 99
GW64	576 86	5055 6560	4616 3270	567 42	570 25	566 41	566 89	568 76	566 82	565 99	565 68	566 57	567 21	567 78
GW65	576 82	5055 5930	4623 7410	540 06	542 85	540 58	540 21	541 94	540 58	539 27	538 58	539 38	540 09	540 85
GW66	575 67	5060 2910	4963 4780	567 44	569 45	566 12	566 63	568 64	566 86	565 43	564 59	566 52	567 16	567 65

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates X Easting	Coordinates Y Northing	Water Level Elevations 10/15/2013 (ft. AMSL)	1/9/2014 (ft. AMSL)	4/9/2014 (ft. AMSL)	7/21/2014 (ft AMSL)	10/24/2014 (ft. AMSL)	1/8/2015 (ft. AMSL)	4/22/2015 (ft. AMSL)	7/20/2015 (ft. AMSL)	11/12/2015 (ft. AMSL)	1/12/2016 (ft. AMSL)	7/1/2016 (ft. AMSL)
GW-P1	577 37	4989 2290	5091 4092	566 18	567 06	568 31	565 64	564 55	566 68	567 48	565 83	565 23	566 08	563 49
GW-P2	585 38	4951 9371	4988 0791	564 31	564 78	565 50	564 13	563 54	564 59	564 89	563 56	563 92	565 41	563 33
GW-P3	587 21	4957 7383	4894 0700	563 26	563 93	564 22	563 76	562 44	564 29	565 64	563 30	563 50	563 45	565 23
GW-P4	584 63	4877 3483	4804 5238	562 91	562 61	564 63	563 04	561 45	564 66	564 65	562 04	563 44	NA	564 09
GW-P5	582 83	4858 3962	4704 6101	dry	563 27	570 59	563 61	dry	570 51	571 12	577 30	558 13[6]	576 67	565 99
GW-P6	570 26	4788 3414	4757 6049	543 26	544 34	545 69	543 62	542 75	543 22	544 85	543 04	548 60	544 16	543 06
GW-P7	568 48	4794 0167	4778 2665	dry	dry	548 54	545 18	dry	dry	dry	dry	dry	dry	dry
GW-P8	567 84	4798 3672	4801 0097	545 75	558 82	565 14	545 19	544 55	557 27	547 31	544 68	544 84	551 13	544 82
GW-P9	566 38	4801 8718	4826 1330	545 51	546 57	547 80	545 46	544 81	545 60	546 16	545 11	544 82	546 31	544 94
GW45	581 29	4985 1380	5029 7870	dry	dry	569 59	569 09	dry	dry	dry	dry	dry	dry	dry
GW46	580 91	4991 3625	4877 9431	563 68	564 03	565 20	563 93	562 98	564 72	565 33	563 65	563 87	565 93	564 07
GW47	580 72	4992 0571	4862 9135	539 82	540 31	540 93	540 34	539 43	539 41	541 06	540 05	539 44	540 55	540 11
GW50	575 05	4865 2457	5101 7101	557 90	557 84	559 10	571 01	554 98	557 74	558 55	555 16	554 33	558 41	556 74
GW51	574 67	4859 6849	5103 7889	557 95	557 69	559 18	556 24	554 26	557 61	557 95	555 36	556 32	558 15	556 06
GW53	575 48	4838 3077	4857 7980	562 42	562 38	564 31	562 70	561 56	564 05	564 37	561 64	561 63	565 08	563 12
GW54	575 05	4838 6327	4863 7900	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged	damaged
GW55	576 22	4812 4389	4667 8437	dry	545 61	545 51	546 18	545 95	545 67	546 34	545 95	544 22	546 83	546 51
GW56	576 96	4815 5546	4663 8628	539 96	540 50	541 23	540 23	539 43	539 61	541 12	539 50	539 44	540 68	540 01
GW59	564 70	4704 3116	5089 9628	553 63	555 41	556 96	551 23	549 84	555 14	555 20	553 35	550 68	554 43	550 94
GW60A	565 09	4710 3767	5089 3193	552 89	555 34	556 69	551 41	549 81	554 81	555 61	553 58	550 75	555 38	551 08
GW62	557 86	4618 5192	4530 1832	dry	dry	dry	546 30	dry	553 35	553 14	548 44	553 51	553 21	dry
GW63	577 97	4828 2844	4772 3040	542 74	543 81	545 02	542 94	542 03	542 28	543 60	542 19	541 62	543 51	542 55
GW64	576 86	5055 6560	4616 3270	566 83	567 66	569 02	567 06	566 07	566 45	568 12	566 69	566 06	567 12	566 25
GW65	576 82	5055 5930	4623 7410	540 19	540 65	541 22	540 50	539 70	539 69	541 27	540 43	539 80	540 73	540 27
GW66	575 67	5060 2910	4963 4780	566 52	567 31	568 77	565 20	565 07	566 32	567 94	565 82	565 10	567 09	565 52

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.2

Hydraulic Monitoring Data - Shallow Groundwater
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation[1] (feet AMSL)	Coordinates		Water Level Elevations	
		X Easting	Y Northing	7/11/2016 (ft. AMSL)	12/13/2016 (ft. AMSL)
GW-P1	577 37	4989 2290	5091 4092	564 32	563 94
GW-P2	585 38	4951 9371	4988 0791	563 68	563 17
GW-P3	587 21	4957 7383	4894 0700	565 25	563 71
GW-P4	584 63	4877 3483	4804 5238	563 98	563 45
GW-P5	582 83	4858 3962	4704 6101	579 68	567 25
GW-P6	570 26	4788 3414	4757 6049	542 88	542 31
GW-P7	568 48	4794 0167	4778 2665	dry	dry
GW-P8	567 84	4798 3672	4801 0097	544 55	544 36
GW-P9	566 38	4801 8718	4826 1330	544 80	544 45
GW45	581 29	4985 1380	5029 7870	dry	dry
GW46	580 91	4991 3625	4877 9431	563 93	563 40
GW47	580 72	4992 0571	4862 9135	539 87	539 21
GW50	575 05	4865 2457	5101 7101	556 14	554 96
GW51	574 67	4859 6849	5103 7889	555 37	554 49
GW53	575 48	4838 3077	4857 7980	563 00	562 54
GW54	575 05	4838 6327	4863 7900	damaged	damaged
GW55	576 22	4812 4389	4667 8437	546 44	546 22
GW56	576 96	4815 5546	4663 8628	539 75	539 14
GW59	564 70	4704 3116	5089 9628	550 67	549 93
GW60A	565 09	4710 3767	5089 3193	550 81	549 96
GW62	557 86	4618 5192	4530 1832	dry	dry
GW63	577 97	4828 2844	4772 3040	542 37	541 73
GW64	576 86	5055 6560	4616 3270	566 14	565 79
GW65	576 82	5055 5930	4623 7410	540 02	539 50
GW66	575 67	5060 2910	4963 4780	565 28	564 59

Notes

AMSL - Above mean sea level
GW-P1 - Piezometer
GW45 - Shallow aquifer monitoring well
NA - measurement was not recorded
(1) Elevations adjusted based on survey data obtained from LJB, Inc on May 20, 2002 and November 6, 2002
(2) Previously recorded as elevation for GW47 because of monitoring well identification error
(3) Measurements recorded in reverse order
(4) Unable to remove well cap
(5) Well casing infested with yellow jackets
(6) Anomalous measurement

Table 4.3

Extraction Wells EW1 and GW108 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		**EW1**	**GW108**
Sample ID:		**W-051616-AS-1162-EW**	**W-080216-GL-1227-MW**
Sample Date:		**5/16/2016**	**8/2/2016**
Parameter	**Units**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/L	ND (25)	ND (1 0)
1,1,2-Trichloroethane	µg/L	7 7 J	0 51 J
1,1-Dichloroethane	µg/L	ND (25)	1 4
1,1-Dichloroethene	µg/L	ND (25)	ND (1 0)
1,2-Dibromoethane (Ethylene Dibromide)	µg/L	ND (25)	ND (1 0)
1,2-Dichlorobenzene	µg/L	7 4 J	0 97 J
1,2-Dichloroethane	µg/L	670	6 2
Acetone	µg/L	ND (250)	ND (10)
Benzene	µg/L	18 J	0 99 J
Chlorobenzene	µg/L	ND (25)	0 51 J
Chloroethane	µg/L	ND (25)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	33	1 5
Chloromethane (Methyl Chloride)	µg/L	ND (25)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	16 J	11
Ethylbenzene	µg/L	19 J	ND (1 0)
Methylene chloride	µg/L	ND (25)	ND (1 0)
Tetrachloroethene	µg/L	9 8 J	5 9
Toluene	µg/L	ND (25)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (25)	0 41 J
Trichloroethene	µg/L	ND (25)	0 88 J
Vinyl chloride	µg/L	14 J	0 54 J
Xylene (total)	µg/L	ND (25)	ND (1 0)

Notes

µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at the associated reporting limit

Table 4.4

Round 45 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW87	MW91	MW92	MW92	MW94
Sample ID:		W-012816-GL-1156-MW	W-012816-GL-1161-MW	W-012816-GL-1158-MW	W-012816-GL-1159-MW	W-012816-GL-1155-MW
Sample Date:		1/28/2016	1/28/2016	1/28/2016	1/28/2016	1/28/2016
					Duplicate	
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	11	ND (1 0)	2 7	2 8	0 92 J
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	1 6	1 7	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	8 0	ND (1 0)	ND (1 0)	ND (1 0)	2 2
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	1 5	1 4	ND (1 0)
Chloroform (Trichloromethane)	µg/L	0 35 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	6 7	0 75 J	21	23	0 39 J
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	0 30 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	0 94 J	ND (1 0)	1 7	1 8	ND (1 0)
Trichloroethene	µg/L	ND (1 0)	0 60 J	ND (1 0)	ND (1 0)	ND (1 0)
Vinyl chloride	µg/L	ND (1 0)	0 58 J	6 2	6 2	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.4

Round 45 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		**MW95**	**MW101**	**MW101**	**PZ3**	**PZ4**
Sample ID:		**W-012816-GL-1154-MW**	**W-012716-GL-1146-MW**	**W-012716-GL-1147-MW**	**W-012816-GL-1157-PZ**	**W-012716-GL-1153-PZ**
Sample Date:		**1/28/2016**	**1/27/2016**	**1/27/2016**	**1/28/2016**	**1/27/2016**
				Duplicate		
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	3 1 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	3 4 J	ND (1 0)	ND (1 0)	2 5	2 9
1,1-Dichloroethene	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	2 3 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	130	1 5	1 4	26	17
Acetone	µg/L	ND (50)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	2 6 J	ND (1 0)	ND (1 0)	3 1	0 44 J
Chlorobenzene	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	8 6	2 5	2 5	9 0	7 6
Ethylbenzene	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	0 67 J
Methylene chloride	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	0 98 J
trans-1,2-Dichloroethene	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	0 44 J	0 40 J
Trichloroethene	µg/L	2 5 J	0 50 J	0 45 J	ND (1 0)	5 8
Vinyl chloride	µg/L	1 5 J	ND (1 0)	ND (1 0)	0 32 J	ND (1 0)
Xylenes (total)	µg/L	ND (5 0)	ND (1 0)	ND (1 0)	ND (1 0)	2 2

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.4

Round 45 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		PZ5	PZ6	PZ7D	PZ7S
Sample ID:		W-012716-GL-1152-PZ	W-012716-GL-1148-PZ	W-012716-GL-1150-PZ	W-012716-GL-1149-PZ
Sample Date:		1/27/2016	1/27/2016	1/27/2016	1/27/2016
Parameter	**Units**				
Volatiles					
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
1,1-Dichloroethane	µg/L	3 3	19	18	55
1,1-Dichloroethene	µg/L	ND (1 0)	0 81 J	0 96 J	3 2
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
1,2-Dichloroethane	µg/L	11	5 9	20	5 5
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (25)
Benzene	µg/L	0 37 J	ND (1 0)	ND (1 0)	ND (2 5)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
cis-1,2-Dichloroethene	µg/L	7 9	14	12	28
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
trans-1,2-Dichloroethene	µg/L	0 51 J	1 0	1 2	3 4
Trichloroethene	µg/L	5 8	6 3	9 6	ND (2 5)
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 5)

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW68	MW69	MW70	MW71	MW72
Sample ID:		W-071916-AS-1186-MW	W-071916-AS-1185-MW	W-071916-AS-1184-MW	W-072116-AS-1187-MW	W-071416-AS-1175-MW
Sample Date:		7/19/2016	7/19/2016	7/19/2016	7/21/2016	7/14/2016
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1.0)
1,1-Dichloroethane	µg/L	ND (13)	ND (1 0)	ND (1 0)	0 40 J	ND (1 0)
1,1-Dichloroethene	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	7 5 J	1 7	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	300	2 1	2 4	ND (1 0)	ND (1 0)
Acetone	µg/L	ND (130)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	7 1 J	0 37 J	ND (1 0)	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	3 7 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	5 3 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	18	0 34 J	2 9	5 3	3 6
Ethylbenzene	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	10 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (13)	ND (1 0)	0 34 J	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (13)	ND (1.0)	ND (1 0)	ND (1 0)	ND (1 0)
Trichloroethene	µg/L	3 3 J	0 31 J	ND (1 0)	13	0 86 J
Vinyl chloride	µg/L	ND (13)	0 46 J	18	ND (1 0)	ND (1 0)
Xylenes (total)	µg/L	ND (13)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	2 2 J	0 70 J	ND (5 0)	ND (5 0)	1 6 J

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW73	MW74	MW75	MW76	MW77
Sample ID:		W-071216-AS-1163-MW	W-071216-AS-1164-MW	W-071216-AS-1166-MW	W-071216-AS-1165-MW	W-071416-AS-1172-MW
Sample Date:		7/12/2016	7/12/2016	7/12/2016	7/12/2016	7/14/2016
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	0 66 J	0 30 J	0 30 J	ND (1 0)	ND (1 0)
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	0 69 J
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	0 69 J	ND (1 0)	ND (1 0)	1 6	0 46 J
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Trichloroethene	µg/L	0 70 J	ND (1 0)	ND (1 0)	0 95 J	0 60 J
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	1 0 J	0 89 J	ND (5 0)	3 9 J	ND (5 0)

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW78	MW79	MW80	MW81	MW82
Sample ID:		W-071416-AS-1174-MW	W-071416-AS-1173-MW	W-071516-AS-1179-MW	W-071516-AS-1180-MW	W-080116-JC-1219-MW
Sample Date:		7/14/2016	7/14/2016	7/15/2016	7/15/2016	8/1/2016
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	ND (1 0)	ND (1 0)	0 67 J	ND (1 0)	ND (1 0)
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 87 J	0 45 J
1,2-Dichloroethane	µg/L	0 24 J	1 4 J	ND (1 0)	0 65 J	1 3
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	1 1	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	1 3	1 0	0 96 J	1 7	1 2
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 26 J	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	1 4	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Trichloroethene	µg/L	0 42 J	4 3	0 28 J	ND (1 0)	0 82 J
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 95 J	ND (1 0)
Metal						
Arsenic	µg/L	0 51 J	ND (5 0)	ND (5 0)	1 4 J	0 70 J

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW83	MW84	MW85	MW86	MW87
Sample ID:		W-071816-AS-1181-MW	W-071816-AS-1182-MW	W-072116-AS-1191-MW	W-072116-AS-1192-MW	W-072116-AS-1188-MW
Sample Date:		7/18/2016	7/18/2016	7/21/2016	7/21/2016	7/21/2016
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	1 2	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	ND (1 0)	0 32 J	0 47 J	2 2	11
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	0 48 J
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	0 97 J	1 3	7 4	ND (1.0)	13
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	1 1	ND (1 0)
Chlorobenzene	µg/L	0 32 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	0 46 J	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	1 5	2 5	2 5	6 6	7 8
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	0 32 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 37 J	1 3
Trichloroethene	µg/L	0 90 J	0 43 J	0 53 J	ND (1 0)	ND (1 0)
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 72 J	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	ND (5 0)	0 55 J	1 1 J	1 1 J	0 53 J

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW88	MW89	MW91	MW91	MW92
Sample ID:		W-072116-AS-1189-MW	W-072116-AS-1190-MW	W-071316-AS-1167-MW	W-071316-AS-1168-MW	W-071516-AS-1177-MW
Sample Date:		7/21/2016	7/21/2016	7/13/2016	7/13/2016	7/15/2016
					Duplicate	
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1.0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	0 48 J	0 41 J	ND (1 0)	ND (1 0)	1 8
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	1 7
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	0 57 J	1 4	ND (1 0)	ND (1 0)	ND (1 0)
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	1 2	4 5	0 59 J	0 58 J	22
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	0 51 J	1 2	ND (1 0)	ND (1 0)	1 7
Trichloroethene	µg/L	ND (1 0)	1 5	0 50 J	0 48 J	ND (1 0)
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	0 81 J	0 82 J	6 2
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	ND (5 0)	15	17	17	8 3

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW93	MW94	MW94	MW95	MW96
Sample ID:		W-071516-AS-1176-MW	W-072216-AS-1193-MW	W-072216-AS-1194-MW	W-072216-AS-1195-MW	W-071316-AS-1170-MW
Sample Date:		7/15/2016	7/22/2016	7/22/2016	7/22/2016	7/13/2016
				Duplicate		
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 93 J	ND (1 0)
1,1-Dichloroethane	µg/L	ND (1 0)	0 84 J	0 81 J	2 2	ND (1 0)
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 95 J	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
1,2-Dichloroethane	µg/L	ND (1 0)	2 5	2 5	45	ND (1 0)
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (20)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	2 2	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	ND (1 0)	0 37 J	0 35 J	7 6	ND (1 0)
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Trichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	1 7 J	ND (1 0)
Vinyl chloride	µg/L	0 76 J	ND (1 0)	ND (1 0)	1 6 J	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)
Metal						
Arsenic	µg/L	15	0 54 J	0 54 J	0 61 J	0 58 J

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		**MW97**	**MW98**	**MW99**	**MW100**	**MW101**
Sample ID:		**W-071316-AS-1169-MW**	**W-072216-AS-1196-MW**	**W-071816-AS-1183-MW**	**W-072216-AS-1197-MW**	**W-072516-AS-1199-MW**
Sample Date:		**7/13/2016**	**7/22/2016**	**7/18/2016**	**7/22/2016**	**7/25/2016**
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	13	ND (1 0)
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	ND (1 0)	1 7	ND (1 0)	1 4	1 8
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	ND (1 0)	7 1	1 3	8 2	2 7
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (1 0)	0 40 J	ND (1 0)	0 32 J	ND (1 0)
Trichloroethene	µg/L	ND (1 0)	8 1	ND (1 0)	ND (1 0)	0 47 J
Vinyl chloride	µg/L	ND (1 0)	1 2	ND (1 0)	0 74 J	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	0 64 J	0 82 J	6 5	5 9	0 56 J

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		MW102	MW103	MW104	MW105	MW106
Sample ID:		W-080316-GL-1228-MW	W-080316-GL-1229-MW	W-080316-GL-1231-MW	W-080316-GL-1230-MW	W-071316-AS-1171-MW
Sample Date:		8/3/2016	8/3/2016	8/3/2016	8/3/2016	7/13/2016
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	ND (1 0)	ND (1 0)	1 6	ND (1 0)	ND (1 0)
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0) J	ND (1 0) J	ND (1 0) J	ND (1 0) J	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	2 8	5 2	15	9 6	ND (1 0)
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	32	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	0 25 J	ND (1 0)
trans-1,2-Dichloroethene	µg/L	ND (1 0)	1 3	0 70 J	0 89 J	ND (1 0)
Trichloroethene	µg/L	2 0	23	20	ND (1 0)	ND (1 0)
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	4 1	ND (1 0)	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	0 65 J	0 99 J	0 37 J	30	32

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		**PZ3**	**PZ4**	**PZ5**	**PZ6**	**PZ7D**
Sample ID:		**W-072516-AS-1200-PZ**	**W-072516-AS-1201-PZ**	**W-080416-GL-1233-PZ**	**W-072616-AS-1204-PZ**	**W-072616-AS-1202-PZ**
Sample Date:		**7/25/2016**	**7/25/2016**	**8/4/2016**	**7/26/2016**	**7/26/2016**
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,1-Dichloroethane	µg/L	2 8	2 6	2 8	18	20
1,1-Dichloroethene	µg/L	0 53 J	ND (1 0)	ND (1 0)	0 89 J	1 1
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
1,2-Dichloroethane	µg/L	10	14	14	17	16
Acetone	µg/L	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	µg/L	3 8	ND (1 0)	0 36 J	ND (1 0)	ND (1 0)
Chlorobenzene	µg/L	0 25 J	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (1 0) J	ND (1.0)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	10	6 5	7 7	14	13
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1.0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1.0)	ND (1 0)	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	0 54 J	0 33 J	0 45 J	1 2	1 3
Trichloroethene	µg/L	ND (1 0)	5 5	6 2	6 1	8 5
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	-	-	-	-	-

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit.

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		PZ7S	GW50	GW53	GW63	GW64
Sample ID:		W-072616-AS-1203-PZ	W-080216-GL-1225-MW	W-080216-GL-1226-MW	W-083016-RR-1235-MW	W-080116-JC-1220-MW
Sample Date:		7/26/2016	8/2/2016	8/2/2016	8/30/2016	8/1/2016
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
1,1-Dichloroethane	µg/L	57	5 6	0 91 J	ND (2 5)	ND (1 0)
1,1-Dichloroethene	µg/L	2 8	ND (1 0)	ND (2 0)	ND (2 5)	ND (1.0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1.0)
1,2-Dichloroethane	µg/L	1 7 J	ND (1 0)	23	63	ND (1.0)
Acetone	µg/L	ND (25)	ND (10)	ND (20)	ND (25)	ND (10)
Benzene	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
Chlorobenzene	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
Chloroethane	µg/L	0 97 J	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
Chloroform (Trichloromethane)	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	2 4 J	ND (1 0)
Chloromethane (Methyl chloride)	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	27	3 8	46	ND (2 5)	ND (1 0)
Ethylbenzene	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
Methylene chloride	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
Tetrachloroethene	µg/L	ND (2 5)	0 32 J	ND (2 0)	ND (2 5)	ND (1 0)
Toluene	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1.0)
trans-1,2-Dichloroethene	µg/L	3 4	ND (1 0)	1 4 J	ND (2 5)	ND (1 0)
Trichloroethene	µg/L	ND (2 5)	0 27 J	0 55 J	ND (2 5)	ND (1 0)
Vinyl chloride	µg/L	ND (2 5)	0 62 J	2 4	ND (2 5)	ND (1 0)
Xylenes (total)	µg/L	ND (2 5)	ND (1 0)	ND (2 0)	ND (2 5)	ND (1 0)
Metal						
Arsenic	µg/L	-	-	-	-	-

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.5

Round 46 Analytical Results
Pristine, Inc. Site
Reading, Ohio

Sample Location:		**GW65**	**GW66**	**MW107**	**GW108**	**GW109**
Sample ID:		**W-080116-JC-1222-MW**	**W-080116-JC-1221-MW**	**W-080416-GL-1232-MW**	**W-080216-GL-1227-MW**	**W-080416-GL-1234-MW**
Sample Date:		**8/1/2016**	**8/1/2016**	**8/4/2016**	**8/2/2016**	**8/4/2016**
Parameter	**Units**					
Volatiles						
1,1,1-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)	ND (1 0)
1,1,2-Trichloroethane	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	0 51 J	ND (1 0)
1,1-Dichloroethane	µg/L	0 60 J	ND (1 0)	13	1 4	ND (1 0)
1,1-Dichloroethene	µg/L	ND (1 0)	ND (1 0)	1 4 J	ND (1 0)	ND (1 0)
1,2-Dibromoethane (Ethylene dibromide)	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)	ND (1 0)
1,2-Dichlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	0 97 J	ND (1 0)
1,2-Dichloroethane	µg/L	3 2	ND (1 0)	ND (2 0)	6 2	1 4
Acetone	µg/L	ND (10)	ND (10)	ND (20)	ND (10)	ND (10)
Benzene	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	0 99 J	ND (1 0)
Chlorobenzene	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	0 51 J	ND (1 0)
Chloroethane	µg/L	ND (1 0)	ND (1 0)	ND (2 0) J	ND (1 0)	ND (1 0) J
Chloroform (Trichloromethane)	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	1 5	6 5
Chloromethane (Methyl chloride)	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)	ND (1 0)
cis-1,2-Dichloroethene	µg/L	8 4	ND (1 0)	74	11	0 64 J
Ethylbenzene	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)	ND (1 0)
Methylene chloride	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)	ND (1 0)
Tetrachloroethene	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	5 9	ND (1 0)
Toluene	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)	ND (1 0)
trans-1,2-Dichloroethene	µg/L	0 44 J	ND (1 0)	3 1	0 41 J	ND (1 0)
Trichloroethene	µg/L	3 6	ND (1 0)	ND (2 0)	0 88 J	0 25 J
Vinyl chloride	µg/L	ND (1 0)	ND (1 0)	5 4	0 54 J	ND (1 0)
Xylenes (total)	µg/L	ND (1 0)	ND (1 0)	ND (2 0)	ND (1 0)	ND (1 0)
Metal						
Arsenic	µg/L	-	-	-	-	-

Notes
µg/L - micrograms per liter
J - Estimated concentration
ND - Not detected at
the associated reporting limit

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Coordinates [13] Y Northing	Water Level Elevations 12/1/1993 (ft AMSL)	3/5/1994 (ft. AMSL)	3/9/1994 (ft. AMSL)	7/11/1994 (ft. AMSL)	8/8/1994 (ft. AMSL)	8/24/1994 (ft AMSL)	10/6/1994 (ft AMSL)	10/25/1994 (ft AMSL)	11/29/1994 (ft. AMSL)	12/14/1994 (ft AMSL)	12/16/1994 (ft AMSL)	12/19/1994 (ft AMSL)	12/22/1994 (ft AMSL)	1/30/1995 (ft AMSL)	3/3/1995 (ft. AMSL)	3/29/1995 (ft. AMSL)
MW68	581 31	1419954 6239	455942 8361	531 27	532 03	532 88	535 66	535 54	535 46	535 62	535 73	535 68	535 84	535 99	536 10	534 50	536 55	536 48	537 13
MW69	580 55	1419956 6634	455933 9109	531 22	532 09	533 13	535 75	535 57	535 50	535 65	535 72	535 70	535 90	536 19	536 04	534 98	536 62	536 56	537 17
MW70	580 57	1419959 1221	455924 7644	531 21	531 94	533 02	535 62	535 46	535 39	535 47	535 56	535 57	535 71	535 96	535 80	534 78	536 43	536 37	536 98
MW71	563 23 (11)	1419961 7080	456530 6206	531 77	533 22	533 88	536 39	536 16	536 22	536 36	536 46	536 48	536 54	536 60	536 84	536 04	537 24	537 20	537 87
MW72	563 21 (11)	1419961 8587	456510 1378	531 69	533 24	534 13	536 38	536 08	536 11	536 25	536 35	536 32	536 46	536 63	536 61	536 41	537 22	537 15	537 80
MW73	562 87 (11)	1419959 0170	456521 0050	531 28	533 28	534 18	536 38	536 10	536 15	536 27	536 36	536 32	536 46	536 65	536 64	536 42	537 25	537 16	537 84
MW74	568 12	1419754 8514	456444 5891	530 81	532 90	533 69	--	535 68	535 73	535 93	535 99	535 94	536 09	536 25	536 28	536 00	536 85	536 73	537 42
MW75	569 03	1419776 5511	456447 0656	530 92	532 98	533 85	536 03	535 74	535 79	535 95	536 01	536 01	536 13	536 28	536 34	536 07	536 90	536 81	537 47
MW76	568 24	1419767 1667	456444 6188	530 91	532 99	533 84	536 03	535 76	535 81	535 97	536 14	536 04	536 15	536 36	536 33	536 07	536 92	536 82	537 58
MW77	560 81	1419623 4240	455941 3092	531 23	532 07	533 01	535 26	535 11	535 05	535 26	535 34	535 41	535 41	535 72	535 54	535 34	536 13	536 06	536 70
MW78	560 64	1419614 2481	455926 0986	531 26	532 07	532 99	535 23	535 09	535 04	535 24	535 34	535 31	535 39	535 72	535 53	535 26	536 13	536 06	536 70
MW79	560 68	1419615 9374	455935 1443	531 29	532 12	533 03	535 26	534 98	535 09	535 28	535 38	535 35	535 44	535 76	535 57	535 34	536 18	536 09	536 74
MW80	580 18	1419851 4568	456220 2596	531 16	532 59	533 37	535 86	535 67	535 63	535 83	--	535 82	536 01	536 16	536 00	535 70	536 80	536 66	537 25
MW81	580 98 (16)	1419853 0872	455949 0002	531 24	532 13	533 14	535 67	535 50	535 45	535 58	535 66	535 17	535 78	536 09	535 07	534 12	529 68	536 61	537 22
MW82	582 84	1420047 0368	455912 3388	531 55	531 88	532 76	535 99	534 83	535 74	535 89	535 96	535 87	536 03	536 48	536 19	535 77	536 86	536 80	537 42
MW83	578 81	1419905 8747	455729 8847	531 61	531 04	532 33	535 58	535 36	535 34	535 51	535 56	535 37	535 66	536 06	535 83	535 02	536 49	536 48	536 87
MW84	579 29	1419902 6709	455735 7995	531 55	531 09	532 37	535 57	535 36	535 33	535 48	535 57	535 36	535 64	535 99	535 77	534 98	536 47	536 44	537 28
MW85	579 24	1419897 4775	455735 9602	531 11	530 80	532 07	535 33	535 19	535 28	535 32	534 28	535 14	535 37	535 82	535 56	534 82	536 28	536 20	536 00
MW86	563 87	1419671 8720	454965 7471	--	--	--	531 07	531 20	531 14	531 45	531 53	531 44	531 60	531 79	531 59	531 63	532 35	532 32	533 46
MW87	563 73	1418897 8801	454811 5722	--	--	--	534 88	531 08	530 98	531 29	531 42	531 29	531 48	531 73	531 46	531 73	532 04	531 99	532 94
MW88	563 87	1418895 4260	454805 8361	--	--	--	530 95	531 08	530 99	531 35	531 32	531 39	531 34	531 68	531 50	531 50	532 09	532 05	533 55
MW89	563 66	1418892 2774	454799 2978	--	--	--	530 79	530 91	530 85	531 07	531 14	531 15	531 14	531 51	531 33	531 27	531 90	531 81	532 40
MW90	548 30	1417852 9370	453498 0785	--	--	--	--	--	--	530 03	530 14	530 14	530 09	530 44	530 31	530 44	530 89	530 68	531 39
MW91	548 13	1417853 8304	453493 8406	--	--	--	--	--	--	529 87	529 98	529 99	529 98	530 33	530 19	530 30	530 80	530 58	531 22
MW92	555 20 (12)	1418154 2564	455286 0411	--	--	--	--	--	--	532 58	532 93	532 86	532 93	533 35	533 20	533 28	533 62	534 01	534 99
MW93	555 18 (12)	1418151 3022	455289 3712	--	--	--	--	--	--	532 38	532 69	532 70	532 74	533 20	533 05	533 41	533 45	533 83	534 88
MW94	563 67	1419192 7702	454009 5643	--	--	--	--	--	--	530 69	530 92	530 85	530 76	531 21	530 97	530 92	531 52	531 56	532 00
MW95	563 66	1419189 4579	454003 4909	--	--	--	--	--	--	530 68	530 74	530 76	530 83	531 13	530 91	530 88	531 49	531 35	531 67
MW96	556 58	1417939 8020	451615 9755	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW97	556 89	1417947 0934	451613 7959	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW98	549 52	1416999 7205	452570 0807	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW99	549 67	1417011 6975	452569 0427	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW100	548 30	1417967 7658	454028 9092	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW101	559 94	1418336 8420	452648 6332	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW102	551 79	1417313 8940	451767 6687	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW103	551 77	1417308 4888	451768 8439	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW104	551 82	1416985 0144	453127 6555	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW105	551 49	1416981 3948	453120 2389	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW106	550 57	1418104 0208	454297 2238	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ1S	580 04	1419848 2139	455927 1842	--	--	--	--	--	--	--	--	--	535 99	--	--	535 52	536 46	536 43	537 84
PZ2	563 03	1419605 5696	454971 9667	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ3	563 39	1419395 4461	454537 0942	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ4	563 57	1419071 4693	453931 6487	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ5	564 57	1419046 4677	453881 6921	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ6	562 52	1418887 7325	453525 3324	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ7S	562 63	1418936 5916	453588 2321	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Y Northing	Water Level Elevations 6/7/1995 (ft. AMSL)	9/8/1995 (ft AMSL)	11/10/1995 (ft. AMSL)	1/19/1996 (ft AMSL)	2/1/1996 (ft AMSL)	3/13/1996 (ft. AMSL)	7/31/1996 (ft AMSL)	8/22/1997 (ft. AMSL)	9/1997 (ft AMSL)	11/5/1997 (ft AMSL)	11/19/1997 (ft AMSL)	1/8/1998 (ft. AMSL)	2/3/1998 (ft AMSL)	3/23/1998 (ft AMSL)	6/9/1998 (ft. AMSL)	7/30/1998 (ft AMSL)
MW68	581 31	1419954 6239	455942 8361	537 03	537 19	537 02	538 32	538 83	539 19	--	539 38	539 13	537 42	537 83	538 42	538 54	538 85	539 73	540 05
MW69	580 55	1419956 6634	455933 9109	537 08	537 20	537 08	538 19	538 94	539 34	--	539 46	538 92	537 55	537 70	538 52	538 60	539 09	539 98	540 11
MW70	580 57	1419959 1221	455924 7644	536 93	536 98	536 77	537 97	538 91	539 10	--	539 22	538 32	537 25	538 10	538 34	538 04	538 79	539 60	539 61
MW71	563 23 (11)	1419961 7080	456530 6206	537 54	537 90	538 22	538 77	539 53	539 90	--	540 18	539 55	538 68	538 83	539 74	539 25	539 86	540 98	541 01
MW72	563 21 (11)	1419961 8587	456510 1378	537 46	537 76	538 24	538 68	539 51	539 96	--	540 04	539 55	538 54	538 79	539 81	539 15	539 66	540 99	540 72
MW73	562 87 (11)	1419959 0170	456521 0050	537 49	537 68	538 26	538 87	539 52	540 01	541 20	540 05	539 55	538 56	538 79	539 81	539 17	539 72	541 00	540 80
MW74	568 12	1419754 8514	456444 5891	537 14	537 30	537 85	538 58	539 06	539 53	--	539 63	539 15	538 17	538 42	539 19	538 72	539 26	540 56	540 34
MW75	569 03	1419776 5511	456447 0656	537 19	537 36	537 91	538 59	539 15	539 63	--	539 67	539 18	538 21	538 46	539 41	532 84[6]	539 31	540 61	540 39
MW76	568 24	1419767 1667	456444 6188	537 29	537 38	537 93	538 62	539 15	539 65	542 85	539 70	539 21	538 20	538 45	539 40	538 83	539 32	540 63	540 40
MW77	560 81	1419623 4240	455941 3092	536 57	536 70	537 13	537 76	538 29	538 78	--	538 87	538 56	537 32	537 59	538 47	537 89	538 42	539 63	539 52
MW78	560 64	1419614 2481	455926 0986	536 61	536 77	537 13	537 75	538 30	538 77	--	538 83	538 52	537 33	537 59	538 42	537 89	538 52	539 62	539 52
MW79	560 68	1419615 9374	455935 1443	536 65	536 82	537 19	537 80	538 34	538 82	540 06	538 90	538 57	537 37	537 64	538 46	537 95	538 56	539 67	539 56
MW80	580 18	1419851 4568	456220 2596	537 22	537 25	537 73	538 30	538 69	539 45	--	539 53	539 00	537 99	538 24	539 12	538 69	538 99	540 40	540 22
MW81	580 98 (16)	1419853 0872	455949 0002	537 01	--	--	538 08	538 74	539 22	--	--	538 40	536 97	536 99	538 01	538 39	538 36	539 60	539 58
MW82	582 84	1420047 0368	455912 3388	537 27	537 37	537 67	538 42	538 73	538 57	--	539 41	538 80	537 94	538 14	539 05	538 72	539 26	540 42	540 41
MW83	578 81	1419905 8747	455729 8847	537 03	537 06	537 52	--	--	--	--	--	--	--	--	--	--	--	--	--
MW84	579 29	1419902 6709	455735 7995	537 02	537 09	537 52	537 95	538 57	539 10	--	539 27	538 75	537 51	537 78	538 63	538 06	538 77	539 86	539 78
MW85	579 24	1419897 4775	455735 9602	536 81	536 79	537 28	537 72	538 29	538 88	540 24	539 12	538 69	537 33	537 57	538 45	537 82	538 65	539 65	539 52
MW86	563 87	1419671 8720	454965 7471	533 53	532 55	533 20	533 66	533 86	534 56	538 14[6]	--	534 59	528 55	527 93	529 19	525 77	533 45	532 02	523 46
MW87	563 73	1418897 8801	454811 5722	533 46	533 48	533 21	533 51	533 71	534 36	535 87	534 62	534 37	532 03	531 92	532 92	529 96	533 55	532 69	531 42
MW88	563 87	1418895 4260	454805 8361	533 15	532 95	533 04	533 40	533 72	534 37	535 88	534 65	534 42	532 09	531 95	532 96	530 00	533 59	532 75	531 47
MW89	563 66	1418892 2774	454799 2978	533 22	533 22	533 15	533 47	533 62	534 27	535 80	534 60	534 40	531 98	531 83	532 83	529 96	533 47	532 72	531 48
MW90	548 30	1417852 9370	453498 0785	532 26	531 85	531 73	532 23	532 39	533 06	534 88	533 33	532 92	531 50	531 29	532 21	529 65	532 15	532 09	--
MW91	548 13	1417853 8304	453493 8406	532 27	531 63	531 61	532 00	532 26	532 95	534 72	533 17	532 75	531 33	531 12	532 02	529 54	531 99	531 98	530 97
MW92	555 20 (12)	1418154 2564	455286 0411	534 97	534 39	534 57	534 94	535 47	536 04	537 44	536 13	--	534 89	535 23	535 14	535 19	535 86	537 12	--
MW93	555 18 (12)	1418151 3022	455289 3712	534 21	534 30	534 52	534 86	535 51	536 03	537 29	536 10	--	534 86	535 20	536 18	535 12	536 27	537 06	537 53
MW94	563 67	1419192 7702	454009 5643	533 01	532 43	532 45	533 22	533 05	533 78	535 34	534 11	--	532 00	531 73	532 70	530 02	532 83	532 40	531 67
MW95	563 66	1419189 4579	454003 4909	532 91	532 44	532 47	533 21	533 07	533 75	535 27	534 02	--	531 99	531 71	532 68	529 93	532 78	532 37	531 66
MW96	556 58	1417939 8020	451615 9755	--	--	--	525 96	526 49	527 21	--	527 42	--	526 26	526 54	527 13	526 48	526 87	528 14	529 98
MW97	556 89	1417947 0934	451613 7959	--	--	--	526 03	526 67	527 22	--	527 40	--	526 24	526 54	527 13	526 59	526 86	529 16	528 89
MW98	549 52	1416999 7205	452570 0807	--	--	--	525 66	526 26	526 86	--	526 87	--	525 91	526 24	527 52	526 10	526 57	527 78	--
MW99	549 67	1417011 6975	452569 0427	--	--	--	525 67	526 24	526 82	--	527 22	--	525 87	526 20	526 83	526 06	526 53	527 75	527 67
MW100	548 30	1417967 7658	454028 9092	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	531 51
MW101	559 94	1418336 8420	452648 6332	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	528 25
MW102	551 79	1417313 8940	451767 6687	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	527 48
MW103	551 77	1417308 4888	451768 8439	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	529 65
MW104	551 82	1416985 0144	453127 6555	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW105	551 49	1416981 3948	453120 2389	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW106	550 57	1418104 0208	454297 2238	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ1S	580 04	1419848 2139	455927 1842	536 96	537 02	--	538 15	538 72	539 20	--	--	--	--	--	--	538 44	--	539 84	--
PZ2	563 03	1419605 5696	454971 9667	--	--	--	--	--	--	--	534 90	--	--	--	--	528 78	529 11	--	529 11
PZ3	563 39	1419395 4461	454537 0942	--	--	--	--	--	--	--	534 62	--	--	--	--	527 69	533 43	530 51	529 18
PZ4	563 57	1419071 4693	453931 6487	--	--	--	--	--	--	--	534 00	--	--	--	--	529 94	531 72	532 40	531 23
PZ5	564 57	1419046 4677	453881 6921	--	--	--	--	--	--	--	--	--	--	--	--	530 00	533 73	532 41	531 32
PZ6	562 52	1418887 7325	453525 3324	--	--	--	--	--	--	--	--	--	--	--	--	530 10	532 52	532 41	531 43
PZ7S	562 63	1418936 5916	453588 2321	--	--	--	--	--	--	--	--	--	--	--	--	532 33	531 92	533 22	531 71

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Y Northing	Water Level Elevations 9/18/1998 (ft. AMSL)	10/21/1998 (ft AMSL)	10/29/1998 (ft AMSL)	11/25/1998 (ft AMSL)	12/11/1998 (ft AMSL)	1/15/99[1] (ft AMSL)	2/9/1999 (ft. AMSL)	4/12/1999 (ft. AMSL)	8/16/1999 (ft AMSL)	1/12/2000 (ft AMSL)	4/4/2000 (ft. AMSL)	7/25/2000 (ft AMSL)	11/27/2000 (ft AMSL)	1/15/2001 (ft. AMSL)	4/10/2001 (ft. AMSL)	7/23/2001 (ft AMSL)
MW68	581 31	1419954 6239	455942 8361	537 80	536 92	537 09	536 72	536 19	--	537 71	537 60	535 43	535 94	537 28	536 01	535 50	536 43[6]	535 59	536 57
MW69	580 55	1419956 6634	455933 9109	537 95	537 11	537 18	537 03	536 41	--	537 83	537 79	535 53	536 40	537 58	536 11	535 63	534 87	535 74	537 02
MW70	580 57	1419959 1221	455924 7644	537 50	536 36	536 48	536 20	535 49	--	536 81	536 78	534 62	535 48	536 64	534 00	534 65	534 65	534 84	536 04
MW71	563 23 (11)	1419961 7080	456530 6206	539 03	538 57	538 58	538 27	536 05	--	539 61	539 57	536 81	537 84	539 09	537 91	537 49	537 38	537 57	538 69
MW72	563 21 (11)	1419961 8587	456510 1378	538 89	538 52	538 45	538 45	537 85	--	539 45	539 19	536 61	537 80	539 10	537 78	537 30	537 30	537 39	538 77
MW73	562 87 (11)	1419959 0170	456521 0050	538 90	538 26	538 71	538 45	535 93	--	539 44	539 23	536 64	537 83	539 14	537 84	537 35	537 30	537 42	538 68
MW74	568 12	1419754 8514	456444 5891	538 50	538 11	538 01	538 05	537 44	--	538 92	538 71	536 17	537 33	538 52	537 34	536 89	536 71	536 94	537 51
MW75	569 03	1419776 5511	456447 0656	538 55	538 15	538 08	538 11	537 50	--	538 91	538 77	536 23	537 39	538 58	537 40	536 91	536 93	536 99	539 00
MW76	568 24	1419767 1667	456444 6188	538 58	538 16	538 10	538 13	537 51	--	538 97	538 78	536 24	537 43	538 61	537 43	536 96	536 80	537 01	537 42
MW77	560 81	1419623 4240	455941 3092	537 61	536 95	536 90	536 89	536 14	--	537 51	537 31	534 95	536 02	536 90	535 93	535 51	535 57	535 75	536 61
MW78	560 64	1419614 2481	455926 0986	537 60	536 94	536 88	536 85	536 13	--	537 50	537 28	534 91	535 99	536 86	535 93	535 49	535 50	535 72	536 56
MW79	560 68	1419615 9374	455935 1443	537 65	537 00	536 93	532 91[6]	536 19	--	537 54	537 33	534 97	536 01	536 92	535 98	535 51	535 53	535 77	536 62
MW80	580 18	1419851 4568	456220 2596	538 31	537 80	537 85	537 77	537 11	--	538 58	538 42	535 90	546 00[6]	538 02	536 97	536 48	536 46	536 58	537 73
MW81	580 98 (16)	1419853 0872	455949 0002	535 79	536 67	536 80	536 62	535 87	--	537 36	536 22	535 35	535 98	537 25	535 58	534 99	535 03	535 21	536 28
MW82	582 84	1420047 0368	455912 3388	540 21	537 59	537 57	537 36	536 81	541 79	538 32	538 24	535 79	536 74	538 06	536 65	536 12	536 12	536 21	537 74
MW83	578 81	1419905 8747	455729 8847	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW84	579 29	1419902 6709	455735 7995	537 67	536 65	536 59	536 29	535 60	--	536 99	536 89	534 58	535 38	536 43	535 27	530 91	534 89	535 02	535 88
MW85	579 24	1419897 4775	455735 9602	537 43	536 26	536 20	535 92	535 09	--	536 49	536 39	534 11	534 90	535 94	534 80	530 47	534 46	534 65	535 49
MW86	563 87	1419671 8720	454965 7471	528 93	516 15	515 78	513 84	510 56	521 80	516 17	516 53	517 88	515 81	515 64	513 93	511 39	515 79	518 86	515 86
MW87	563 73	1418897 8801	454811 5722	530 23	523 22	522 97	521 81	519 08	--	519 33	519 77	517 57	518 30	517 86	516 55	513 03	517 55	519 03	517 95
MW88	563 87	1418895 4260	454805 8361	530 22	523 25	522 98	523 84[6]	519 29	--	519 33	519 80	517 51	518 32	517 87	516 67	513 05	517 59	519 06	518 20
MW89	563 66	1418892 2774	454799 2978	530 14	523 23	522 89	521 77	519 09	520 91	519 35	519 80	517 53	518 33	517 85	516 66	513 02	517 58	519 05	518 09
MW90	548 30	1417852 9370	453498 0785	530 05	522 57	521 88	520 84	517 84[6]	520 54	518 04	518 38	516 00	516 40	516 12	514 90	511 59	515 93	517 73	516 75
MW91	548 13	1417853 8304	453493 8406	529 97	522 69	522 02	521 03	520 15	520 79	518 37	518 70	516 31	517 01	516 51	515 31	511 95	516 28	518 00	517 13
MW92	555 20 (12)	1418154 2564	455286 0411	534 97	534 51	534 56	534 64	533 96	--	535 06	534 96	532 24	533 75	534 66	533 83	533 79	533 70	533 77	534 28
MW93	555 18 (12)	1418151 3022	455289 3712	534 95	534 53	534 58	534 72	533 97	--	535 15	535 08	532 64	533 78	534 61	533 62	533 51	533 41	533 58	533 97
MW94	563 67	1419192 7702	454009 5643	530 15	520 76	519 70	518 67	515 49	--	515 27	515 77	513 59	514 26	513 28	512 04	508 76[6]	513 46	515 83	514 07
MW95	563 66	1419189 4579	454003 4909	530 13	520 62	519 60	518 56	515 47	518 17	516 17	515 65	513 45	514 24	513 11	511 87	512 26	513 35	515 69	513 95
MW96	556 58	1417939 8020	451615 9755	526 49	525 77	525 84	525 68	524 88	525 49	525 68	525 68	523 81	524 54	525 56	524 81	520 49	524 64	524 79	526 22
MW97	556 89	1417947 0934	451613 7959	526 52	525 71	525 80	525 66	524 86	527 09	525 91	525 68	523 78	524 57	525 53	524 78	520 46	524 64	525 07	526 86
MW98	549 52	1416999 7205	452570 0807	526 07	525 29	525 41	525 26	524 45	525 61	525 44	525 24	523 17	524 10	525 05	523 31	524 16	524 29	524 66	525 79
MW99	549 67	1417011 6975	452569 0427	526 00	525 25	525 41	525 23	525 13	525 61	525 43	525 24	523 13	524 04	525 15	524 28	524 67	524 25	524 62	525 73
MW100	548 30	1417967 7658	454028 9092	530 31	522 71	521 99	520 96	517 96	520 65	518 13	518 43	516 10	516 86	516 92	514 99	515 56	516 06	517 90	516 78
MW101	559 94	1418336 8420	452648 6332	526 06	525 26	525 28	524 94	523 81	525 08	522 68	524 50	522 46	523 30	524 01	523 24	519 04[6]	523 32	523 88	524 86
MW102	551 79	1417313 8940	451767 6687	526 18	525 47	525 59	525 43	524 67	523 49	525 69	525 48	523 54	524 39	525 15	524 61	524 12	524 49	524 79	526 27
MW103	551 77	1417308 4888	451768 8439	526 15	525 43	525 57	525 43	524 61	521 23	525 68	525 41	523 53	524 38	525 14	524 69	520 29[6]	524 48	524 78	526 26
MW104	551 82	1416985 0144	453127 6555	526 11	525 23	525 35	525 17	524 33	525 42	525 28	525 08	522 99	523 94	524 86	524 14	524 02	524 14	524 54	525 50
MW105	551 49	1416981 3948	453120 2389	525 71	525 12	525 30	525 24	524 50	524 99	525 36	525 24	522 91	523 98	525 05	524 40	524 32	524 42	524 76	525 27
MW106	550 57	1418104 0208	454297 2238	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ1S	580 04	1419848 2139	455927 1842	537 66	536 58	536 63	536 47	535 91	--	537 23	537 13	--	--	--	--	--	534 73	534 72	536 65
PZ2	563 03	1419605 5696	454971 9667	529 32	521 30	521 83	520 29	513 00	--	518 87	519 83	518 12	518 11	517 92	516 54	513 24	517 74	518 90	517 96
PZ3	563 39	1419395 4461	454537 0942	528 47	520 39	520 79	519 02	516 59	--	516 11	516 70	514 05	515 37	514 91	513 61	510 20	514 93	516 88	516 09
PZ4	563 57	1419071 4693	453931 6487	--	519 12	519 08	516 64	514 87	--	513 16	513 71	511 67	512 54	511 09	510 06	510 16	513 04	buried	buried
PZ5	564 57	1419046 4677	453881 6921	530 35	519 64	518 22	517 52	515 10	--	514 12	514 52	512 44	513 80	511 83	513 51	507 54	512 26	515 62	512 91
PZ6	562 52	1418887 7325	453525 3324	530 34	520 24	519 37	517 95	514 65	--	514 62	515 01	512 33	513 31	512 13	510 98	511 44	512 33	514 83	513 17
PZ7S	562 63	1418936 5916	453588 2321	531 30	520 73	519 86	518 50	515 07	--	515 10	515 49	513 21	513 83	513 08	512 88	512 01	512 87	515 21	513 63

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Coordinates [13] Y Northing	Water Level Elevations 8/28/2001 (ft AMSL)	11/30/2001 (ft AMSL)	1/30/2002 (ft AMSL)	5/1/2002 (ft. AMSL)	7/8/2002 (ft. AMSL)	10/22/2002 (ft AMSL)	2/7/2003 (ft AMSL)	4/9/2003 (ft. AMSL)	7/3/2003 (ft. AMSL)	12/9/2003 (ft AMSL)	3/10/2004 (ft. AMSL)	5/27/2004 (ft AMSL)	8/3/2004 (ft AMSL)	11/18/2004 (ft AMSL)	2/8/2005 (ft. AMSL)	6/15/2005 (ft AMSL)
MW68	581 31	1419954 6239	455942 8361	535 64	536 33	537 00	538 51	537 69	535 59	537 08	537 69	537 69	537 83	537 73	538 16	536 91	536 15	539 21	536 10
MW69	580 55	1419956 6634	455933 9109	534 76	536 44	537 11	539 01	536 88	535 74	537 21	537 98	537 83	537 99	537 93	538 36	537 08	536 31	539 3	536 30
MW70	580 57	1419959 1221	455924 7644	534 59	535 23	535 86	538 11	536 81	534 50	536 07	537 07	536 76	536 90	536 81	537 26	536 05	535 19	538 55	535 27
MW71	563 23 (11)	1419961 7080	456530 6206	537 84	538 50	539 10	540 44	539 73	537 71	538 99	539 53	539 54	539 61	539 72	539 94	538 74	538 09	540 42	537 65
MW72	563 21 (11)	1419961 8587	456510 1378	537 69	538 41	539 14	540 44	539 66	537 56	538 88	539 45	539 46	539 56	539 59	539 95	538 66	538 07	540 41	537 44
MW73	562 87 (11)	1419959 0170	456521 0050	537 70	538 43	539 14	540 47	539 68	537 61	538 93	539 49	539 40	539 68	539 57	539 94	538 68	538 11	540 44	537 46
MW74	568 12	1419754 8514	456444 5891	538 22	537 91	538 62	539 96	539 12	537 12	538 42	538 91	538 92	539 10	539 06	539 41	538 19	537 54	539 92	536 97
MW75	569 03	1419776 5511	456447 0656	537 26	537 96	538 67	540 03	539 21	537 17	538 47	538 98	538 97	539 11	539 12	539 45	538 24	537 59	539 98	537 01
MW76	568 24	1419767 1667	456444 6188	537 29	537 98	538 69	540 04	539 24	537 20	538 50	538 99	538 99	539 18	539 13	539 50	538 28	537 61	539 99	537 04
MW77	560 81	1419623 4240	455941 3092	535 78	536 44	537 11	538 54	537 81	535 78	537 07	537 62	537 62	537 80	537 69	538 04	536 85	536 17	538 63	536 28
MW78	560 64	1419614 2481	455926 0986	535 73	536 39	537 07	538 53	537 79	535 73	537 04	537 57	537 57	537 74	537 65	537 98	536 86	536 07	538 64	536 15
MW79	560 68	1419615 9374	455935 1443	535 73	536 44	537 12	538 57	537 85	535 77	537 08	537 63	537 63	537 78	537 70	538 04	536 85	536 17	538 63	536 19
MW80	580 18	1419851 4568	456220 2596	536 81	536 46	538 20	539 62	538 76	536 70	538 03	538 57	538 58	538 75	538 71	539 14	537 86	537 14	539 64	536 88
MW81	580 98 (16)	1419853 0872	455949 0002	535 06	535 75	536 46	538 36	537 08	534 99	536 59	537 45	537 19	537 43	537 26	537 50	536 42	535 62	539 11	535 63
MW82	582 84	1420047 0368	455912 3388	536 05	537 02	537 83	539 37	538 57	536 32	537 69	538 55	538 36	538 53	538 50	NA[7]	537 63	536 83	539 58	536 89
MW83	578 81	1419905 8747	455729 8847	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW84	579 29	1419902 6709	455735 7995	534 88	535 67	536 29	537 97	537 55	535 03	536 10	537 23	537 16	537 73	537 21	537 44	536 11[8]	535 65	538 29	535 85
MW85	579 24	1419897 4775	455735 9602	534 50	535 25	535 88	537 56	537 25	534 68	536 34	536 91	536 85	537 44	536 92	537 15	535 39[8]	535 39	538 04	535 63
MW86	563 87	1419671 8720	454965 7471	518 70	515 62	514 76	520 85	519 36	515 28	516 26	519 65	518 63	517 82	517 54	516 82	515 20[9]	514 69	521 97	515 87
MW87	563 73	1418897 8801	454811 5722	518 86	517 89	517 22	520 92	521 84	518 08	518 95	519 98	520 91	521 01	520 14	519 82	518 26[8]	517 88	520 96	519 88
MW88	563 87	1418895 4260	454805 8361	519 10	517 91	517 25	520 95	521 81	518 09	518 98	519 97	520 92	521 26	520 16	519 80	518 44[8]	517 92	520 95	519 89
MW89	563 66	1418892 2774	454799 2978	518 91	517 92	517 26	520 92	521 78	518 04	518 97	519 96	520 92	521 11	520 13	519 78	518 44[8]	517 88	520 88	519 87
MW90	548 30	1417852 9370	453498 0785	515 27	516 70	515 80	519 16	519 92	516 40	517 40	517 85	519 38	519 46	518 63	518 37	518 01	516 24	518 53	518 55
MW91	548 13	1417853 8304	453493 8406	515 64	517 04	516 14	519 44	520 18	516 63	517 67	518 11	519 54	519 65	518 83	518 58	518 21	516 48	518 80	518 79
MW92	555 20 (12)	1418154 2564	455286 0411	533 55	536 20	535 24	536 18	535 66	533 72	535 14	535 40	535 52	535 77	535 67	534 07[6]	534 59	534 13	536 23	534 75
MW93	555 18 (12)	1418151 3022	455289 3712	533 60	536 04	534 94	536 71	536 30	533 75	535 18	535 43	535 68	535 83	535 70	536 69[6]	534 91	534 11	536 08	534 88
MW94	563 67	1419192 7702	454009 5643	513 15	513 87	512 90	517 11	518 09	514 23	515 36	515 72	517 53	517 77	516 80	516 30	515 91	513 98	516 28	516 55
MW95	563 66	1419189 4579	454003 4909	513 04	513 72	512 77	517 01	517 92	514 07	515 14	515 61	517 41	517 46	516 66	516 36	515 78	513 86	516 19	516 64
MW96	556 58	1417939 8020	451615 9755	525 61	525 48	525 39	526 96	526 85	524 82	525 76	526 31	526 74	526 83	526 54	526 88	526 02	525 29	527 07	526 54
MW97	556 89	1417947 0934	451613 7959	525 57	525 47	526 08	526 92	526 84	524 79	525 74	526 28	526 73	526 83	526 51	526 85	525 99	525 25	527 11	526 54
MW98	549 52	1416999 7205	452570 0807	525 03	525 05	525 33	526 52	526 45	524 36	525 41	525 94	526 37	526 52	526 20	526 50	525 57	524 89	526 71	526 24
MW99	549 67	1417011 6975	452569 0427	524 99	525 03	525 31	526 48	526 41	524 42	525 38	525 91	526 33	526 51	526 18	526 52	525 56	524 85	526 72	526 20
MW100	548 30	1417967 7658	454028 9092	515 33	516 74	515 85	519 38	520 17	516 53	517 60	518 04	519 61	519 70	518 83	518 52	518 11	516 39	518 83	518 67
MW101	559 94	1418336 8420	452648 6332	523 93	524 12	524 21	525 74	525 92	523 47	524 48	NA[3]	525 64	525 74[6]	525 36	525 61	524 78	523 86	525 79	525 37
MW102	551 79	1417313 8940	451767 6687	525 35	525 29	525 57	526 74	526 62	524 61	525 57	526 12	NA[4]	526 68	526 35	526 68	525 81	NA[4]	526 92	526 37
MW103	551 77	1417308 4888	451768 8439	525 33	525 27	525 55	526 72	526 61	524 59	525 55	NA[4]	NA[4]	526 66	526 34	526 48	525 80	NA[4]	526 89	526 36
MW104	551 82	1416985 0144	453127 6555	524 81	524 89	525 16	526 36	526 31	524 19	525 29	525 81	526 25	526 41	526 11	526 40	525 42	524 72	526 59	526 05
MW105	551 49	1416981 3948	453120 2389	524 91	525 09	525 45	526 50	526 49	524 31	525 56	526 07	526 42	526 68	526 42	526 66	525 53	524 91	526 84	526 28
MW106	550 57	1418104 0208	454297 2238	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PZ1S	580 04	1419848 2139	455927 1842	534 68	535 21	535 89	538 42	536 61	534 55	536 15	538 21	NA	537 05	537 02	537 29	NA	535 27	539 14	535 19
PZ2	563 03	1419605 5696	454971 9667	516 52	517 85	515 13	521 12	521 75	517 89	518 83	519 57	521 16	520 40	520 11	519 82	NA	517 71	522 13	519 38
PZ3	563 39	1419395 4461	454537 0942	513 72	514 94	514 16	518 69	519 82	515 89	516 49	517 73	518 79	518 29	518 27	517 65	NA	515 75	520 14	517 84
PZ4	563 57	1419071 4693	453931 6487	510 61	511 49	buried	buried	516 00	512 28	512 39	513 78	515 54	515 07	514 71	517 52	NA	511 35	513 64	514 73
PZ5	564 57	1419046 4677	453881 6921	512 67	513 56	511 60	516 07	516 95	513 35	514 24	514 69	516 49	516 06	515 79	516 22	NA	512 84	515 05	515 59
PZ6	562 52	1418887 7325	453525 3324	511 63	513 25	512 09	516 25	517 02	512 81	514 32	514 58	516 52	516 11	515 80	516 64	NA	513 48	515 38	515 49
PZ7S	562 63	1418936 5916	453588 2321	512 69	513 63	512 54	516 56	517 51	513 78	514 83	515 22	517 18	516 72	516 35	515 92	NA	513 75	515 74	515 05

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Y Northing	Water Level Elevations 7/7/2005 (ft. AMSL)	11/1/2005 (ft. AMSL)	1/11/2006 (ft AMSL)	3/7/2006 (ft AMSL)	4/26/2006 (ft AMSL)	6/6/2006 (ft AMSL)	7/17/2006 (ft. AMSL)	10/18/2006 (ft. AMSL)	1/8/2007 (ft AMSL)	4/11/2007 (ft. AMSL)	7/17/2007 (ft AMSL)	8/8/2007 (ft AMSL)	11/27-29/2007 (ft AMSL)	12/28/2007 (ft. AMSL)	3/17/2008 (ft. AMSL)	7/29/2008 (ft. AMSL)
MW68	581 31	1419954 6239	455942 8361	534 67	536 63	535 59	535 93	538 81	538 32	537 70	537 81	538 93	539 78	537 88	--	--	538 76	539 57	538 91
MW69	580 55	1419956 6634	455933 9109	534 89	536 69	535 73	536 05	538 41	538 54	537 82	537 98	539 07	539 83	538 13	--	--	538 99	539 70	539 07
MW70	580 57	1419959 1221	455924 7644	533 97	536 04	534 66	535 05	538 35	537 95	537 26	537 43	538 60	539 40	537 64	--	--	538 48	539 35	538 55
MW71	563 23 (11)	1419961 7080	456530 6206	536 19	537 68	537 46	537 94	540 23	539 91	539 27	539 51	540 50	541 36	539 42	--	--	540 36	541 37	540 89
MW72	563 21 (11)	1419961 8587	456510 1378	536 07	NA[10]	NA[10]	537 84	540 20	539 80	539 19	539 31	540 45	541 34	539 29	--	--	540 22	541 21	540 68
MW73	562 87 (11)	1419959 0170	456521 0050	536 09	537 64	537 42	537 83	540 17	539 77	539 16	539 02	540 44	541 00	539 29	--	--	540 24	541 19	540 60
MW74	568 12	1419754 8514	456444 5891	535 64	537 25	536 90	537 33	539 71	539 31	538 72	538 93	539 95	540 72	538 87	--	--	539 75	540 79	540 17
MW75	569 03	1419776 5511	456447 0656	535 68	537 30	536 96	537 39	539 74	539 37	538 77	539 00	540 01	540 77	538 92	--	--	539 81	540 85	540 24
MW76	568 24	1419767 1667	456444 6188	535 73	537 31	536 98	537 41	539 79	539 39	538 80	539 02	540 03	540 78	538 94	--	--	539 83	540 84	540 25
MW77	560 81	1419623 4240	455941 3092	534 88	536 15	535 53	535 92	538 58	538 29	537 69	537 83	538 85	539 67	537 85	--	--	538 71	539 64	539 18
MW78	560 64	1419614 2481	455926 0986	534 85	536 12	535 48	535 90	538 53	538 25	537 66	537 83	538 83	539 62	537 82	--	--	538 73	539 59	539 15
MW79	560 68	1419615 9374	455935 1443	534 88	536 16	535 53	535 92	538 57	538 29	537 70	537 82	538 88	539 65	537 86	--	--	538 72	539 63	539 17
MW80	580 18	1419851 4568	456220 2596	535 52	536 99	536 56	536 97	539 48	539 08	538 77	538 67	539 68	540 45	538 62	--	--	539 56	540 48	539 90
MW81	580 98 (16)	1419853 0872	455949 0002	534 21	536 51	535 01	535 39	538 25	537 89	537 14	537 28	538 37	539 34	537 47	--	--	538 19	538 94	538 31
MW82	582 84	1420047 0368	455912 3388	535 40	536 84	536 35	536 72	539 45	539 04	538 53	538 48	539 59	540 25	538 55	--	--	539 54	540 43	539 71
MW83	578 81	1419905 8747	455729 8847	--	--	--	--	--	--	--	--	--	--	--	--	537 35	538 88	539 71	539 20
MW84	579 29	1419902 6709	455735 7995	534 29	535 83	535 14	535 32	538 84	538 35	537 69	537 70	538 87	539 79	537 82	--	--	538 76	539 59	539 06
MW85	579 24	1419897 4775	455735 9602	534 07	535 63	534 89	535 05	538 48	538 24	537 84	537 59	538 73	539 63	537 70	--	--	538 66	539 50	538 99
MW86	563 87	1419671 8720	454965 7471	513 26	521 62	512 04	511 91	528 86	529 28	528 57	528 50	529 55	530 72	528 97	--	--	530 40	530 04	530 85
MW87	563 73	1418897 8801	454811 5722	517 62	520 36	517 59	517 12	528 54	528 92	528 20	528 11	529 17	530 37	528 66	--	528 62	529 99	529 62	530 46
MW88	563 87	1418895 4260	454805 8361	517 66	520 40	517 62	517 15	528 56	528 96	528 32	528 15	529 20	530 38	528 68	--	528 62	530 00	529 64	530 50
MW89	563 66	1418892 2774	454799 2978	517 62	520 27	517 60	517 15	528 54	528 92	528 19	528 10	529 15	530 38	528 65	--	528 61	529 96	529 60	530 42
MW90	548 30	1417852 9370	453498 0785	516 32	517 77	516 00	515 58	526 99	527 43	526 75	526 65	527 63	529 48	527 30	--	527 10	528 35	528 09	528 96
MW91	548 13	1417853 8304	453493 8406	516 61	517 86	516 32	515 84	526 99	527 43	526 77	526 66	527 69	529 41	527 30	--	527 15	528 43	528 02	528 91
MW92	555 20 (12)	1418154 2564	455286 0411	526 44	533 88	533 24	533 79	536 14	535 98	535 37	535 49	536 49	--	--	535 38	535 03	--	537 15	537 04
MW93	555 18 (12)	1418151 3022	455289 3712	526 59	533 93	533 27	533 85	536 41	536 06	535 41	535 56	536 51	--	--	534 87	534 86	--	537 08	537 07
MW94	563 67	1419192 7702	454009 5643	514 14	516 15	514 02	513 44	527 09	527 62	526 85	526 80	527 90	528 75	527 46	--	--	528 77	528 24	529 21
MW95	563 66	1419189 4579	454003 4909	514 01	516 01	513 91	513 31	527 03	527 57	526 82	526 73	527 86	528 62	527 41	--	527 09	528 72	528 17	529 14
MW96	556 58	1417939 8020	451615 9755	525 79	524 97	524 88	524 72	NA[5]	526 98	526 61	526 50	527 17	528 43	526 49	--	--	526 96	527 98	527 73
MW97	556 89	1417947 0934	451613 7959	525 81	524 96	524 89	524 74	NA[5]	526 98	526 61	526 50	527 17	528 42	526 49	--	--	526 96	527 99	527 72
MW98	549 52	1416999 7205	452570 0807	525 43	524 62	524 55	524 39	526 72	526 71	526 32	526 23	526 95	528 22	526 17	--	--	526 65	527 62	527 51
MW99	549 67	1417011 6975	452569 0427	525 38	524 57	524 53	524 34	526 70	526 63	526 30	526 21	526 92	528 18	526 15	--	--	526 62	527 54	527 38
MW100	548 30	1417967 7658	454028 9092	516 39	518 10	516 26	515 74	527 42	527 86	527 18	527 15	528 13	529 80	527 71	--	527 56	528 97	529 23	529 40
MW101	559 94	1418336 8420	452648 6332	524 34	NA[4]	523 55	523 37	526 98	527 01	526 59	526 49	527 23	528 54	526 53	--	526 03	527 06	528 03	527 87
MW102	551 79	1417313 8940	451767 6687	525 64	524 79	524 73	524 57	526 79	526 74	526 39	526 29	526 98	528 18	526 25	--	--	526 73	527 67	527 51
MW103	551 77	1417308 4888	451768 8439	525 62	524 78	524 72	524 56	526 77	526 74	526 37	526 28	526 97	528 16	526 23	--	--	526 73	527 71	527 48
MW104	551 82	1416985 0144	453127 6555	525 22	524 44	524 36	524 23	526 71	526 70	526 30	526 19	526 94	528 21	526 16	--	--	526 62	527 57	527 48
MW105	551 49	1416981 3948	453120 2389	526 28	524 56	524 56	524 50	526 54	526 59	526 19	526 09	526 90	528 16	525 99	--	--	526 31	527 34	527 44
MW106	550 57	1418104 0208	454297 2238	--	--	532 36	532 86	534 70	535 30	534 66	534 77	535 77	536 82	534 82	--	534 26	535 27	536 67	536 21
PZ1S	580 04	1419848 2139	455927 1842	533 74	536 54	534 48	534 97	538 00	537 40	536 71	536 91	537 93	538 70	537 23	--	--	537 73	538 26	537 55
PZ2	563 03	1419605 5696	454971 9667	517 07	521 71	516 73	516 43	528 97	529 41	528 67	528 59	529 64	530 81	529 07	--	--	530 46	530 12	--
PZ3	563 39	1419395 4461	454537 0942	515 53	519 99	515 62	515 03	527 07	527 65	526 95	526 78	527 90	529 14	527 25	--	--	529 07	528 63	529 47
PZ4	563 57	1419071 4693	453931 6487	512 33	514 17	512 09	511 41	526 95	527 49	526 74	526 65	527 80	527 20	527 34	--	--	528 64	528 11	529 09
PZ5	564 57	1419046 4677	453881 6921	513 16	515 01	513 05	512 30	526 87	527 43	526 66	526 60	527 76	528 10	527 30	--	--	528 58	528 02	528 92
PZ6	562 52	1418887 7325	453525 3324	513 04	514 68	513 34	512 92	526 13	527 12	525 85	525 85	527 45	529 12	526 52	--	--	528 20	527 72	528 17
PZ7S	562 63	1418936 5916	453588 2321	513 63	515 03	513 44	513 04	526 22	526 75	525 92	526 00	527 23	529 09	526 78	--	--	527 99	527 40	528 38

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Y Northing	Water Level Elevations 12/12/2008 (ft AMSL)	2/12/2009 (ft AMSL)	6/3/2009 (ft. AMSL)	7/6/2009 (ft AMSL)	10/2/2009 (ft AMSL)	12/29/2009 (ft. AMSL)	2/5/2010 (ft AMSL)	5/11/2010 (ft AMSL)	7/12/2010 (ft AMSL)	12/17/2010 (ft AMSL)	3/3/2011 (ft AMSL)	4/28/2011 (ft AMSL)	8/1/2011 (ft AMSL)	9/19/2011 (ft AMSL)	11/8/2011 (ft. AMSL)	1/30/2012 (ft. AMSL)
MW68	581 31	1419954 6239	455942 8361	537 35	538 12	538 47	538 59	538 27	538 22	538 59	539 16	539 26	537 82	538 55	541 41	539 43	538 31	538 89	540 36
MW69	580 55	1419956 6634	455933 9109	537 54	538 32	538 81	538 73	538 71	538 33	538 83	539 36	539 40	538 23	538 69	541 45	539 41	538 51	539 09	540 57
MW70	580 57	1419959 1221	455924 7644	537 07	537 90	538 36	538 42	538 20	538 08	538 50	539 12	539 18	537 86	538 39	541 15	539 35	538 41	538 94	540 37
MW71	563 23 (11)	1419961 7080	456530 6206	539 23	540 07	540 43	540 31	539 96	539 52	540 28	540 87	540 98	539 50	540 21	543 34	540 78	539 85	540 54	542 02
MW72	563 21 (11)	1419961 8587	456510 1378	539 06	539 88	540 20	540 13	539 99	539 80	540 47	540 86	540 94	539 38	540 24	543 04	540 71	539 88	540 39	541 98
MW73	562 87 (11)	1419959 0170	456521 0050	539 07	539 82	540 23	540 19	539 97	539 81	540 44	540 84	540 91	539 35	540 21	542 97	540 73	539 89	540 48	542 02
MW74	568 12	1419754 8514	456444 5891	538 65	539 38	539 80	539 87	539 59	539 36	540 04	540 40	540 57	538 96	539 76	542 49	540 31	539 49	540 01	541 53
MW75	569 03	1419776 5511	456447 0656	538 70	539 45	539 86	539 84	539 63	539 40	540 09	540 45	540 51	539 01	539 81	542 55	540 35	539 53	540 05	541 58
MW76	568 24	1419767 1667	456444 6188	538 72	539 47	539 87	539 85	539 66	539 43	540 11	540 48	540 54	539 03	539 83	542 56	540 38	539 55	540 08	541 59
MW77	560 81	1419623 4240	455941 3092	537 78	538 32	538 77	538 76	538 56	538 34	539 03	539 41	539 47	537 99	538 75	541 39	539 46	538 61	539 14	540 55
MW78	560 64	1419614 2481	455926 0986	537 46	538 30	538 76	538 74	538 53	538 31	538 99	539 40	539 44	537 94	538 74	541 36	539 42	538 59	539 07	540 52
MW79	560 68	1419615 9374	455935 1443	537 64	538 33	538 78	538 77	538 57	538 35	538 71	539 43	539 47	537 98	538 77	541 39	539 45	538 63	539 13	540 56
MW80	580 18	1419851 4568	456220 2596	538 33	539 11	539 64	539 53	539 31	539 08	539 85	540 16	540 17	538 69	539 51	542 21	540 09	539 25	539 80	541 28
MW81	580 98 (16)	1419853 0872	455949 0002	535 74	537 41	538 05	537 86	537 48	537 81	537 66	538 64	538 65	537 14	537 85	540 39	539 43	537 77	538 11	540 06
MW82	582 84	1420047 0368	455912 3388	538 04	538 84	539 36	539 26	539 15	538 90	539 32	539 98	539 99	538 53	539 36	542 11	539 97	539 01	539 67	541 22
MW83	578 81	1419905 8747	455729 8847	537 52	538 28	538 86	538 80	--	538 36	539 15	539 55	539 53	537 94	538 82	541 52	539 70	538 70	539 34	540 88
MW84	579 29	1419902 6709	455735 7995	537 53	538 20	538 75	538 70	--	538 32	538 97	539 47	539 47	537 90	538 65	541 47	539 61	538 68	539 23	540 76
MW85	579 24	1419897 4775	455735 9602	537 40	538 14	538 72	538 67	--	538 23	538 99	539 44	539 39	537 82	538 60	541 39	539 59	538 64	539 24	540 74
MW86	563 87	1419671 8720	454965 7471	530 18	530 60	531 72	531 25	531 04	530 73	531 59	532 75	532 18	530 54	530 68	533 36	535 82	535 00	535 35	536 84
MW87	563 73	1418897 8801	454811 5722	529 49	529 90	531 02	530 63	--	530 04	530 91	532 06	531 54	530 02	529 95	532 65	535 58	534 71	535 14	536 40
MW88	563 87	1418895 4260	454805 8361	529 56	529 92	531 06	530 65	--	530 07	530 93	532 10	531 54	529 93	530 00	532 65	535 57	534 74	535 17	536 64
MW89	563 66	1418892 2774	454799 2978	528 46	529 81	530 96	530 58	--	530 00	530 83	532 02	531 47	529 85	529 92	532 57	535 50	534 69	535 10	536 47
MW90	548 30	1417852 9370	453498 0785	527 47	527 69	529 10	529 08	528 31	529 45 (6)	528 76	531 04 (6)	530 46 (6)	527 91	--	530 63	534 94	533 33	533 68	534 96
MW91	548 13	1417853 8304	453493 8406	527 48	527 81	529 03	528 57	528 31	528 04	528 87	530 03	529 50	527 91	527 99	530 59	534 18	533 40	533 73	535 13
MW92	555 20 (12)	1418154 2564	455286 0411	535 39	536 19	536 24	536 60	536 48	536 19	536 95	537 28	537 35	535 87	536 29	538 90	537 17	536 43	536 55	537 78
MW93	555 18 (12)	1418151 3022	455289 3712	535 53	536 11	536 61	536 60	536 50	536 21	536 96	537 31	537 36	535 86	536 31	538 93	537 22	536 47	536 59	537 80
MW94	563 67	1419192 7702	454009 5643	527 92	528 26	529 56	529 03	528 76	528 49	529 32	530 65	530 32	528 36	528 35	531 00	534 98	534 14	534 46	535 90
MW95	563 66	1419189 4579	454003 4909	527 66	527 86	529 44	528 95	528 46	528 41	529 27	530 57	529 92	528 06	528 06	530 55	534 91	534 09	534 05	535 80
MW96	556 58	1417939 8020	451615 9755	526 23	526 48	527 19	527 34	527 20	526 73	527 55	528 01	528 17	526 50	527 25	530 07	528 33	527 65	528 04	529 62
MW97	556 89	1417947 0934	451613 7959	526 26	526 66	527 22	527 36	527 21	526 74	527 57	527 99	528 15	526 49	527 24	530 08	528 30	527 66	528 04	529 63
MW98	549 52	1416999 7205	452570 0807	526 02	526 43	526 98	527 08	526 90	526 54	527 37	527 81	527 90	526 06	526 94	529 64	528 10	527 43	527 87	529 34
MW99	549 67	1417011 6975	452569 0427	525 98	526 38	526 95	527 05	526 88	526 50	527 35	527 78	527 88	526 42	526 88	529 62	528 06	527 41	527 81	529 29
MW100	548 30	1417967 7658	454028 9092	528 05	528 46	529 88	529 17	528 92	528 65	529 46	530 66	530 12	528 50	528 45	531 16	534 78	533 96	534 10	535 73
MW101	559 94	1418336 8420	452648 6332	526 39	526 52	527 37	527 43	527 29	526 84	527 69	528 24	528 27	526 61	527 14	530 02	529 01	528 33	528 70	530 23
MW102	551 79	1417313 8940	451767 6687	526 06	526 44	526 98	527 11	526 95	526 51	527 30	527 81	527 94	526 30	526 98	529 84	528 02	527 41	527 82	529 29
MW103	551 77	1417308 4888	451768 8439	526 03	526 44	526 97	527 09	526 96	526 52	527 32	527 79	527 92	526 28	527 01	529 81	528 07	527 40	527 78	529 35
MW104	551 82	1416985 0144	453127 6555	526 05	526 44	527 00	527 09	526 94	526 58	527 41	527 86	527 92	526 30	526 92	529 62	528 17	527 50	527 94	529 41
MW105	551 49	1416981 3948	453120 2389	526 00	526 36	526 90	526 98	526 83	526 53	527 38	527 78	527 86	526 31	526 66	529 51	527 88	527 26	527 64	529 04
MW106	550 57	1418104 0208	454297 2238	534 71	535 28	535 80	535 81	535 76	535 41	536 27	536 53	536 55	535 10	535 49	538 06	536 45	535 71	535 82	537 00
PZ1S	580 04	1419848 2139	455927 1842	535 98	536 69	537 17	537 04	537 32	538 64	537 35	537 55	537 64	537 53	537 08	539 75	537 84	536 89	537 51	538 82
PZ2	563 03	1419605 5696	454971 9667	530 21	529 63	531 72	531 28	531 05	530 77	531 52	532 75	532 21	530 56	530 69	533 36	535 85	535 00	535 34	536 83
PZ3	563 39	1419395 4461	454537 0942	529 48	529 85	531 01	530 54	530 32	530 03	530 87	532 11	531 50	529 86	529 88	532 57	535 56	534 73	535 04	536 53
PZ4	563 57	1419071 4693	453931 6487	527 69	528 01	529 33	528 83	528 53	528 25	529 12	530 41	529 76	528 14	529 14	530 76	534 89	534 07	534 37	536 12
PZ5	564 57	1419046 4677	453881 6921	527 55	527 93	529 22	528 72	528 40	528 14	529 00	530 28	529 63	528 03	528 03	530 64	534 85	534 04	534 35	535 80
PZ6	562 52	1418887 7325	453525 3324	526 40	527 22	528 12	527 63	527 28	527 02	527 86	529 13	528 50	526 96	526 97	529 78	534 69	533 88	534 22	535 64
PZ7S	562 63	1418936 5916	453588 2321	526 86	527 34	528 52	527 88	527 40	527 63	527 86	529 35	528 82	527 45	527 07	529 92	534 59	533 80	534 12	535 54

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Coordinates [13] Y Northing	Water Level Elevations 4/11/2012 (ft AMSL)	5/2/2012 (ft AMSL)	7/9/2012 (ft. AMSL)	10/30/2012 (ft AMSL)	1/16/2013 (ft. AMSL)	4/17/2013 (ft AMSL)	7/15/2013 (ft AMSL)	10/15/2013 (ft AMSL)	1/9/2014 (ft AMSL)	4/9/2014 (ft AMSL)	7/21/2014 (ft AMSL)	10/24/2014 (ft. AMSL)	1/8/2015 (ft AMSL)	4/22/2015 (ft AMSL)	7/20/2015 (ft AMSL)	11/12/2015 (ft AMSL)	1/12/2016 (ft AMSL)
MW68	581 31	1419954 6239	455942 8361	539 33	--	536 59	536 27	536 87	538 83	538 08	538 91	539 37	539 87	539 14	538 50	538 38	539 94	539 32	538 76	539 67
MW69	580 55	1419956 6634	455933 9109	539 52	--	536 39	536 04	536 63	538 93	537 89	539 10	539 45	540 04	539 29	538 62	538 56	540 10	539 34	538 87	539 63
MW70	580 57	1419959 1221	455924 7644	539 40	--	536 73	536 37	537 25	538 79	538 09	538 85	539 30	539 81	538 84	538 35	538 34	539 94	539 12	538 62	539 45
MW71	563 23 (11)	1419961 7080	456530 6206	541 05	--	539 65	539 06	539 73	540 55	541 13	540 30	540 68	541 55	540 83	539 27	540 00	541 62	540 37	540 32	541 25
MW72	563 21 (11)	1419961 8587	456510 1378	540 85	--	539 51	539 04	539 59	540 40	541 26	540 29	540 73	541 40	540 94	540 47	539 94	541 71	540 54	540 23	541 26
MW73	562 87 (11)	1419959 0170	456521 0050	540 86	--	539 19	539 13	539 65	539 97	540 59	540 40	540 76	541 32	540 30	539 60	539 92	541 07	540 62	539 97	540 82
MW74	568 12	1419754 8514	456444 5891	540 39	--	538 74	538 71	539 17	539 87	540 42	539 93	540 29	540 83	540 15	539 47	539 47	540 91	540 16	539 80	540 77
MW75	569 03	1419776 5511	456447 0656	540 44	--	538 83	538 75	539 22	539 91	540 47	539 98	540 34	540 87	540 22	539 52	539 53	540 96	540 20	539 83	540 83
MW76	568 24	1419767 1667	456444 6188	540 46	--	538 93	538 77	539 24	539 94	540 47	540 00	540 36	540 89	540 24	539 56	539 54	540 97	540 21	539 85	540 81
MW77	560 81	1419623 4240	455941 3092	539 47	--	538 14	537 85	538 21	538 93	539 52	541 02 (6)	539 38	539 96	539 22	538 60	538 52	540 00	539 24	538 87	539 84
MW78	560 64	1419614 2481	455926 0986	539 45	--	538 11	537 81	538 17	538 90	539 42	538 99	539 34	539 91	539 20	538 55	538 42	539 98	539 21	538 94	539 87
MW79	560 68	1419615 9374	455935 1443	539 48	--	538 16	537 83	538 22	538 97	538 50 (6)	539 06	539 39	539 96	539 25	538 62	538 53	540 00	539 26	538 88	539 83
MW80	580 18	1419851 4568	456220 2596	540 14	--	538 41	538 46	538 88	539 58	540 16	539 73	540 07	540 60	539 95	539 26	539 15	540 72	539 92	539 51	540 37
MW81	580 98 (16)	1419853 0872	455949 0002	538 83	--	536 99	536 70	537 05	538 48	541 35	540 58	539 91	541 06	538 59	538 43	538 70	542 09	540 76	540 64	542 04
MW82	582 84	1420047 0368	455912 3388	540 06	--	538 68	538 19	538 76	539 55	540 18	539 65	540 02	540 54	539 93	539 15	539 08	540 64	539 85	539 39	540 40
MW83	578 81	1419905 8747	455729 8847	539 67	--	538 39	537 98	538 49	539 16	539 77	538 69	539 68	539 95	539 55	538 85	538 87	540 31	538 96	539 12	539 94
MW84	579 29	1419902 6709	455735 7995	539 65	--	538 32	537 92	538 38	539 14	539 79	539 04	539 56	540 18	539 58	538 77	538 68	540 40	540 00	539 13	541 03 (6)
MW85	579 24	1419897 4775	455735 9602	539 63	--	538 29	537 91	538 41	539 08	539 68	539 07	539 62	540 22	539 49	538 75	538 84	540 25	539 44	539 06	539 89
MW86	563 87	1419671 8720	454965 7471	535 83	--	534 81	534 36	534 40	535 18	535 63	537 21 (6)	535 57	536 18	535 73	534 95	534 92	536 42	535 62	535 38	535 99
MW87	563 73	1418897 8801	454811 5722	535 52	--	534 52	534 04	534 49	534 85	535 31	520 79 (6)	535 33	535 79	535 50	534 56	534 55	536 15	535 33	535 16	535 24
MW88	563 87	1418895 4260	454805 8361	535 58	--	534 56	534 15	534 61	534 91	535 36	520 97 (6)	535 39	535 87	535 51	534 70	534 61	536 21	535 40	535 23	535 78
MW89	563 66	1418892 2774	454799 2978	535 51	--	534 47	534 06	534 48	534 82	535 28	520 80 (6)	535 29	535 78	535 42	534 62	534 53	536 12	535 30	534 95	535 67
MW90	548 30	1417852 9370	453498 0785	534 34	534 40	533 41	532 82	532 84	533 67	534 16	533 60	534 13	534 62	528 36 (6)	NM[10]	NM[10]	NM[10]	A[15]	A[15]	A[15]
MW91	548 13	1417853 8304	453493 8406	534 27	534 35 (14)	533 31	532 86	532 73	533 63	534 08	533 62	533 96	534 53	534 20	533 40	533 38	534 90	534 09	533 95	534 53
MW92	555 20 (12)	1418154 2564	455286 0411	536 43	--	535 45	535 38	535 66	536 42	536 71	536 03	536 75	537 33	536 69	536 22	536 08	537 50	536 76	536 60	537 51
MW93	555 18 (12)	1418151 3022	455289 3712	537 07	--	535 52	535 43	535 73	536 48	536 75	536 08	536 81	537 39	536 75	536 28	536 12	537 55	536 84	536 67	537 57
MW94	563 67	1419192 7702	454009 5643	535 00	535 07	534 05	533 57	533 49	534 31	534 78	533 75	534 86	535 28	534 92	534 17	534 07	535 62	534 81	533 87	535 26
MW95	563 66	1419189 4579	454003 4909	534 86	534 94	533 67	533 41	533 17	534 30	534 74	534 34	534 65	535 24	534 87	534 07	534 03	535 52	534 78	534 56	535 17
MW96	556 58	1417939 8020	451615 9755	528 37	--	527 55	527 18	526 92	527 73	528 42	527 35	527 99	528 36	528 16	527 33	527 45	528 60	527 74	527 69	528 16
MW97	556 89	1417947 0934	451613 7959	528 39	--	527 55	527 40	526 91	527 73	528 44	527 78	527 98	528 60	528 17	527 35	527 46	528 68	528 34	527 94	528 29
MW98	549 52	1416999 7205	452570 0807	528 22	--	526 11 (6)	526 99	526 68	527 51	528 10	528 44 (6)	527 75	528 35	527 95	527 17	527 22	528 44	527 86	527 57	528 02
MW99	549 67	1417011 6975	452569 0427	528 17	--	527 20	526 96	526 64	527 47	528 06	527 62	527 68	528 32	527 92	527 14	527 19	528 40	527 80	527 56	528 05
MW100	548 30	1417967 7658	454028 9092	534 85	--	533 82	533 40	533 33	534 19	534 63	534 18	534 52	535 13	534 75	533 94	533 91	535 48	534 66	534 49	535 18
MW101	559 94	1418336 8420	452648 6332	529 09	529 20	528 19	527 87	527 58	528 43	529 04	528 47	528 67	529 26	528 89	528 06	528 14	529 33	528 74	528 44	528 92
MW102	551 79	1417313 8940	451767 6687	528 27	--	527 36	527 03	526 78	527 22	528 28	527 53	527 77	528 61	527 97	527 14	526 99	528 57	527 89	527 90	528 54
MW103	551 77	1417308 4888	451768 8439	528 16	--	527 29	526 95	526 66	527 46	528 13	527 56	527 72	528 33	527 88	527 08	527 19	528 34	527 79	527 47	527 85
MW104	551 82	1416985 0144	453127 6555	528 68	--	527 32	527 06	526 74	527 57	528 14	527 64	527 79	528 45	528 02	527 23	527 26	528 52	527 92	527 69	528 15
MW105	551 49	1416981 3948	453120 2389	527 97	--	527 16	526 64	526 82	527 52	528 04	527 27	527 73	528 51	527 80	526 98	527 07	528 36	527 68	527 55	528 00
MW106	550 57	1418104 0208	454297 2238	536 25	--	534 67	534 60	534 81	535 65	535 88	535 63	535 85	536 53	535 95	535 37	535 39	536 78	535 99	535 88	536 61
PZ1S	580 04	1419848 2139	455927 1842	538 06	--	--	536 20	537 31	537 66	538 67	537 99	538 49	538 81	--	537 67	537 63	539 04	538 74	537 97	538 98
PZ2	563 03	1419605 5696	454971 9667	535 85	--	534 82	534 36	534 43	535 18	535 63	534 96	535 56	536 16	535 72	534 96	534 87	536 42	535 61	535 40	536 38
PZ3	563 39	1419395 4461	454537 0942	535 57	--	534 57	534 10	534 15	534 90	535 34	535 02 (6)	535 27	535 85	535 47	534 69	534 64	536 14	535 36	535 13	535 70
PZ4	563 57	1419071 4693	453931 6487	534 92	--	533 94	533 48	533 39	534 25	534 68	533 63	534 61	535 19	534 83	534 04	533 99	535 47	534 72	534 56	535 14
PZ5	564 57	1419046 4677	453881 6921	534 90	--	533 91	533 45	533 37	534 23	534 67	533 86	534 59	535 16	534 82	535 94 (6)	533 97	535 45	535 69 (6)	534 46	535 11
PZ6	562 52	1418887 7325	453525 3324	534 78	--	533 76	534 31 (6)	533 21	534 08	534 53 (6)	533 33	534 44	535 02	534 67	533 89	533 81	535 33	534 55	534 33	534 93
PZ7S	562 63	1418936 5916	453588 2321	534 73	--	533 82	533 22	533 29	534 05	534 52	533 55	534 42	534 85	534 66	533 79	533 60	535 39	534 49	534 25	535 01

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Monitoring Well Location	Top of Casing Elevation (feet AMSL) [13]	Coordinates [13] X Easting	Y Northing	Water Level Elevations 7/1/2016 (ft. AMSL)	7/11/2016 (ft AMSL)	12/13/2016 (ft. AMSL)	Elevation (2) (ft AMSL)
MW68	581 31	1419954 6239	455942 8361	540 21	538 95	538 47	
MW69	580 55	1419956 6634	455933 9109	539 19	538 72	538 53	538 40
MW70	580 57	1419959 1221	455924 7644	539 05	538 54	538 21	
MW71	563 23 (11)	1419961 7080	456530 6206	540 62	540 33	539 94	
MW72	563 21 (11)	1419961 8587	456510 1378	540 54	540 23	539 86	539 88
MW73	562 87 (11)	1419959 0170	456521 0050	540 55	540 21	539 85	
MW74	568 12	1419754 8514	456444 5891	540 10	540 10	539 41	
MW75	569 03	1419776 5511	456447 0656	540 13	539 82	539 47	539 46
MW76	568 24	1419767 1667	456444 6188	540 16	539 86	539 49	
MW77	560 81	1419623 4240	455941 3092	538 91	538 70	538 53	
MW78	560 64	1419614 2481	455926 0986	539 20	538 89	538 51	538 52
MW79	560 68	1419615 9374	455935 1443	539 12	537 92	538 53	
MW80	580 18	1419851 4568	456220 2596	539 89	537 57	539 16	
MW81	580 98 (16)	1419853 0872	455949 0002	541 23	539 60	540 13	
MW82	582 84	1420047 0368	455912 3388	539 82	539 53	539 01	
MW83	578 81	1419905 8747	455729 8847	539 47	539 17	538 80	
MW84	579 29	1419902 6709	455735 7995	539 48	539 25	538 71	538 73
MW85	579 24	1419897 4775	455735 9602	539 39	539 10	538 68	
MW86	563 87	1419671 8720	454965 7471	535 81	535 45	535 02	
MW87	563 73	1418897 8801	454811 5722	535 46	534 86	534 71	
MW88	563 87	1418895 4260	454805 8361	535 57	535 23	534 77	534 75
MW89	563 66	1418892 2774	454799 2978	535 48	535 14	534 76	
MW90	548 30	1417852 9370	453498 0785	A [15]	A [15]	A [15]	
MW91	548 13	1417853 8304	453493 8406	534 34	533 98	533 55	
MW92	555 20 (12)	1418154 2564	455286 0411	536 88	536 48	536 22	536 25
MW93	555 18 (12)	1418151 3022	455289 3712	536 92	536 49	536 27	
MW94	563 67	1419192 7702	454009 5643	535 03	534 70	534 23	534 21
MW95	563 66	1419189 4579	454003 4909	534 99	534 64	534 19	
MW96	556 58	1417939 8020	451615 9755	527 82	527 56	527 44	527 41
MW97	556 89	1417947 0934	451613 7959	528 36	528 12	527 41	
MW98	549 52	1416999 7205	452570 0807	527 88	527 65	527 16	527 15
MW99	549 67	1417011 6975	452569 0427	527 88	527 07	527 14	
MW100	548 30	1417967 7658	454028 9092	534 88	534 49	534 12	
MW101	559 94	1418336 8420	452648 6332	528 53	528 17	528 05	
MW102	551 79	1417313 8940	451767 6687	528 45	--	527 24	527 15
MW103	551 77	1417308 4888	451768 8439	527 82	--	527 06	
MW104	551 82	1416985 0144	453127 6555	527 99	527 72	527 27	527 21
MW105	551 49	1416981 3948	453120 2389	527 97	527 51	527 15	
MW106	550 57	1418104 0208	454297 2238	535 86	535 68	535 50	
PZ1S	580 04	1419848 2139	455927 1842	538 61	538 25	538 76	
PZ2	563 03	1419605 5696	454971 9667	535 81	535 46	535 02	
PZ3	563 39	1419395 4461	454537 0942	535 56	535 21	534 75	
PZ4	563 57	1419071 4693	453931 6487	534 91	534 59	534 15	
PZ5	564 57	1419046 4677	453881 6921	534 92	534 57	534 11	
PZ6	562 52	1418887 7325	453525 3324	534 80	534 43	533 95	
PZ7S	562 63	1418936 5916	453588 2321	534 72	534 35	533 88	

Table 4.6

Hydraulic Monitoring Data - Lower Aquifer
Pristine, Inc. Site
Reading, Ohio

Notes

AMSL	Above mean sea level
(1)	Water levels were measured, beginning January 15, for Round 10 of the lower aquifer monitoring
(2)	Average cluster elevations of last set of groundwater elevations
(3)	Well lid was altered and could not be opened
(4)	Well is located in a parking area A vehicle was parked over the well and a water level could not be measured
(5)	Well could not be located Buried under snow
(6)	Anomalous measurement
(7)	Well could not be located
(8)	Water level measurement recorded on 8/19/04
(9)	Water level measurement recorded on 8/18/04
(10)	Well damaged and water level could not be measured
(11)	Measuring point changed MW71 - October 2006, MW72 - March 2006 and October 2006, MW73 - October 2006
(12)	Measuring point changed MW92 - November 2, 2007, MW93 - November 2, 2007
(13)	Eastings and Northings in Ohio State Plane-NAD83-Ohio South-Feet Elevations in NAVD88
(14)	Water level measurement recorded on 4/30/12
(15)	Well abandoned
(16)	Measuring point changed MW81 - approximately mid-2013

Table 5.1

2016 Air Stripper #1 Vapor Stream
VOC Concentrations - Post-Shutdown
Pristine, Inc. Site
Reading, Ohio

Description:	**Combined Catox Influent**	
Sample ID:	**G-103116-RR-1068-SGF**	
Sample Date·	**10/31/2016**	
Units.	**ppb(v/v)**	**(lbs/hr)[1]**
Volatile Organic Compounds		
Chloromethane (Methyl chloride)	1 3	0 00003
Bromomethane (Methyl bromide)	ND (0 20)	--
Chloroethane	0 3	0 00001
1,1-Dichloroethene	ND (0 20)	--
Acetone	53 0	0 00120
Methylene chloride	4 5	0 00017
trans-1,2-Dichloroethene	ND (0 20)	--
1,1-Dichloroethane	0 23	0 00001
cis-1,2-Dichloroethene	1 8	0 00007
2-Butanone (Methyl ethyl ketone) (MEK)	1 6	0 00004
Chloroform (Trichloromethane)	1 4	0 00007
1,1,1-Trichloroethane	ND (0 20)	--
Carbon tetrachloride	ND (0 20)	--
Benzene	3 2	0 00010
1,2-Dichloroethane	12	0 00046
Trichloroethene	0 73	0 00004
1,2-Dichloropropane	ND (0 20)	--
Bromodichloromethane	ND (0 20)	--
cis-1,3-Dichloropropene	ND (0 20)	--
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ND (0 50)	--
Toluene	0 55	0 00002
trans-1,3-Dichloropropene	ND (0 20)	--
1,1,2-Trichloroethane	0 27	0 00001
Tetrachloroethene	ND (0 20)	--
2-Hexanone	ND (0 50)	--
Dibromochloromethane	ND (0 20)	--
Chlorobenzene	ND (0 20)	--
Ethylbenzene	ND (0 20)	--
Vinyl chloride	ND (0 20)	--
Xylenes (total)	0 29	0 00001
Styrene	ND (0 20)	--
Bromoform	ND (0 20)	--
1,1,2,2-Tetrachloroethane	ND (0 20)	--
1,2-Dibromoethane (Ethylene dibromide)	ND (0 20)	--
Acrolein	ND (1 0)	--
Hexane	ND (0 50)	--
1-Bromo-2-chloroethane A	2 7 TJN	0 00015
Isobutylene A	4 7 TJN	0 00010
Propylene (propene) A	9 2 TJN	0 00015
Unknown 1 [2]	3 5 TJ	--
Total	**101.22**	**0 00264**

Notes.
ND - Not detected at the associated reporting limit
TJN/TJ - Estimated Tentatively Identified Compound (TIC) concentration
[1] Based on 2,500 scfm from the Air Stripper 1 and 20°C
[2] No molecular weight available to calculate lbs/hr
Catox was deactivated in August 2001

Appendix A
Summary of Monitoring & Operational Information (CD Format)

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	January 2016				*February 2016*				*March 2016*				
	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
150 Influent to Treatment Facility													
Sample ID				**PW-1059**									
Sample Date				**1/28/16**									
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	**390**	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	**480**	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	**1100**	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	**ND (4.0)**	--	--	--	--	--	--	--	--	--
Metals (mg/L)													
Arsenic	--	--	--	**ND (0.010)**	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	**130**	--	--	--	--	--	--	--	--	--
Copper	--	--	--	**ND (0.021)**	--	--	--	--	--	--	--	--	--
Iron	--	--	--	**2.5**	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	**41**	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	**ND (0.00020)**	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	**ND (0.050)**	--	--	--	--	--	--	--	--	--
Pesticides and PCBs (ug/L)													
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1016 (PCB-1016)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1221 (PCB-1221)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1232 (PCB-1232)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1242 (PCB-1242)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1248 (PCB-1248)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1254 (PCB-1254)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1260 (PCB-1260)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)													
2,4-Dichlorophenol	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	**41**	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	**ND (20)**	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	**ND (20)**	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	**ND (2.5)**	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
150 Clarifier Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Sand Filter Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Effluent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
150 Air Stripper 1A Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ug/L)	--	--											
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Influent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
150 Between Carbon Beds													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Cartridge Filter													
Sample ID													
Sample Date													
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Influent to Treatment Facility													
Sample ID													
Sample Date													
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoride	--	--	--	--	--	--	--	--	--	--	--	--	--
pH	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals (mg/L)													
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)													
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
Pesticides (ug/L)													
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Clarifier Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Sand Filter Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Effluent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
300 Clarifier Influent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Flocculator Influent													
Sample ID													
Sample Date													
Metals (mg/L)													
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Influent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
Portable Air Stripper Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics													
Total Dissolved Solids (TDS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
450 Effluent from Treatment Facility													
Sample ID	**DW-1073**	**DW-1074**	**DW-1075**	**DW-1076**	**DW-1077**	**DW-1079**	**DW-1080**	**DW-1081**	**DW-1082**	**DW-1083**	**DW-1085**	**DW-1086**	**DW-1087**
Sample Date	**1/6/16**	**1/14/16**	**1/21/16**	**1/28/16**	**2/4/16**	**2/11/16**	**2/18/16**	**2/25/16**	**3/2/16**	**3/9/16**	**3/16/16**	**3/23/16**	**3/30/16**
General Inorganics													
Ammonia (mg/L)	**ND (0.20)**	--	--	--	**ND (0.20)**	--	--	--	--	**ND (0.20)**	--	--	--
Chemical Oxygen Demand (COD) (mg/L)	**ND (10)**	--	--	--	**ND (10)**	--	--	--	--	**ND (10) J**	--	--	--
Fluoride (mg/L)	**0.24**	--	--	--	**ND (0.50)**	--	--	--	--	**0.17**	--	--	--
pH, lab	**7.61 J**	--	**7.47 J**	--	**7.1**	--	**7.56**	--	--	**7.93**	--	**7.81**	--
Total Dissolved Solids (TDS) (mg/L)	**1300**	--	--	--	**1300**	--	--	--	--	**1400**	--	--	--
Total Suspended Solids (TSS) (mg/L)	**ND (4.0)**	--	--	--	**ND (4.0)**	--	--	--	--	**ND (4.0)**	--	--	--
Metals (mg/L)													
Iron	**ND (0.100)**	--	--	--	**ND (0.100)**	--	--	--	--	**ND (0.100)**	--	--	--
Mercury (ng/L)	**3.4**	--	--	--	**5.0**	--	--	--	--	**5.1**	--	--	--
Silver	**ND(0.0040)**	--	--	--	**ND(0.0040)**	--	--	--	--	**ND(0.0040)**	--	--	--
Zinc	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**	**0.065**	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**	**ND(0.050)**
Semi Volatile Organic Compounds (ug/L)													
bis(2-Ethylhexyl)phthalate	**ND(9.5)**	--	--	--	**ND(9.6)**	--	--	--	--	**ND(10)**	--	--	--
Di-n-butylphthalate	**ND(9.5)**	--	--	--	**ND(9.6)**	--	--	--	--	**ND(10)**	--	--	--
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
1,1,2-Trichloroethane	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
1,1-Dichloroethene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
1,2-Dichlorobenzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
1,2-Dichloroethane	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
2-Butanone (Methyl Ethyl Ketone)	**ND(20)**	--	--	--	**ND(20)**	--	--	--	--	**ND(20)**	--	--	--
Benzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Chlorobenzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Chloroform (Trichloromethane)	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Ethylbenzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Methylene chloride	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Styrene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Tetrachloroethene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Toluene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
trans-1,2-Dichloroethene	**ND(2.5)**	--	--	--	**ND(2.5)**	--	--	--	--	**ND(2.5)**	--	--	--
Trichloroethene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Vinyl chloride	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Xylene (total)	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	**ND(5.0)**	--	--	--
Pesticides (ug/L)													
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	April 2016				May 2016				June 2016					
	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 2	Week 3	Week 4	Week 5
150 Influent to Treatment Facility														
Sample ID					PW-1060					PW-1061				
Sample Date					5/3/16					6/8/16				
General Inorganics (mg/L)														
Alkalinity, Total (As CaCO3)	--	--	--	--	370	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	510	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	1200	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	4.0	--	--	--	--	--	--	--	--	--
Metals (mg/L)														
Arsenic	--	--	--	--	ND (0.010)	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	130	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	ND (0.021)	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	0.36	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	44	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	ND (0.00020)	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	ND (0.050)	--	--	--	--	ND (0.050)	--	--	--	--
Pesticides and PCBs (ug/L)														
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1016 (PCB-1016)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1221 (PCB-1221)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1232 (PCB-1232)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1242 (PCB-1242)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1248 (PCB-1248)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1254 (PCB-1254)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1260 (PCB-1260)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)														
2,4-Dichlorophenol	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	ND (9.5)	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	**46**	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	**ND (20)**	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	**ND (20)**	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	**ND (2.5)**	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--
150 Clarifier Effluent														
Sample ID														
Sample Date														
Metals (mg/L)														
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)														
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Sand Filter Effluent														
Sample ID														
Sample Date														
Metals (mg/L)														
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Effluent														
Sample ID														
Sample Date														
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
150 Air Stripper 1 Effluent														
Sample ID										**PW-1063**				
Sample Date										**6/8/16**				
Metals (mg/L)														
Zinc	--	--	--	--	--	--	--	--	--	**ND (0.050)**	--	--	--	--
Volatile Organic Compounds (ug/L)	--	--												
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Influent														
Sample ID										**PW-1062**				
Sample Date										**6/8/16**				
Metals (mg/L)														
Zinc	--	--	--	--	--	--	--	--	--	**ND (0.050)**	--	--	--	--
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
150 Between Carbon Beds														
Sample ID														
Sample Date														
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Cartridge Filter														
Sample ID														
Sample Date														
Metals (mg/L)														
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Influent to Treatment Facility														
Sample ID														
Sample Date														
General Inorganics (mg/L)														
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
pH	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals (mg/L)														
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)														
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pesticides (ug/L)														
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Clarifier Effluent														
Sample ID														
Sample Date														
Metals (mg/L)														
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)														
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Sand Filter Effluent														
Sample ID														
Sample Date														
Metals (mg/L)														
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Effluent														
Sample ID														
Sample Date														
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 2	Week 3	Week 4	Week 5
300 Clarifier Influent														
Sample ID														
Sample Date														
Metals (mg/L)														
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Flocculator Influent														
Sample ID														
Sample Date														
Metals (mg/L)														
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)														
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Influent														
Sample ID														
Sample Date														
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Portable Air Stripper Effluent														
Sample ID														
Sample Date														
Metals (mg/L)														
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics														
Total Dissolved Solids (TDS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 2*	*Week 3*	*Week 4*	*Week 5*
450 Effluent from Treatment Facility														
Sample ID	**DW-1088**	**DW-1089**	**DW-1090**	**DW-1091**	**DW-1092**	**DW-1095**	**Annual**	**DW-1096**	**DW-1097**	**DW-1098**	**DW-1099**	**DW-110**	**DW-1101**	**DW-1103**
Sample Date	**4/6/16**	**4/13/16**	**4/20/16**	**4/27/16**	**5/3/16**	**5/11/16**	**Shut-Down**	**5/25/16**	**6/2/16**	**6/8/16**	**6/9/16**	**6/16/16**	**6/23/16**	**6/30/16**
General Inorganics														
Ammonia (mg/L)	**ND (0.20)**	--	--	--	**ND (0.20)**	--	--	--	**ND (0.20)**	--	--	--	--	--
Chemical Oxygen Demand (COD) (mg/L)	**ND (10)**	--	--	--	**ND (10)**	--	--	--	**ND (10)**	--	--	--	--	--
Fluoride (mg/L)	**0.24**	--	--	--	**0.17**	--	--	--	**0.43**	--	--	--	--	--
pH, lab	**7.50**	--	**7.85**	--	**7.50 J**	--	--	**7.80**	**7.57**	--	--	**7.67**	--	--
Total Dissolved Solids (TDS) (mg/L)	**1300**	--	--	--	**1300**	--	--	--	**1300**	--	--	--	--	--
Total Suspended Solids (TSS) (mg/L)	**ND (4.0)**	--	--	--	**ND (4.0)**	--	--	--	**ND (4.0)**	--	--	--	--	--
Metals (mg/L)														
Iron	**ND (0.100)**	--	--	--	**ND (0.100)**	--	--	--	**ND (0.100)**	--	--	--	--	--
Mercury (ng/L)	**2.3**	--	--	--	**2.2**	--	--	--	**1.8**	--	--	--	--	--
Silver	**ND(0.0040)**	--	--	--	**ND(0.0040)**	--	--	--	**ND(0.0040)**	--	--	--	--	--
Zinc	**0.061**	**ND(0.050)**	**ND(0.050)**	**0.054**	**0.065**	**0.056**	--	**0.130**	**0.092**	**ND(0.050)**	**0.070**	**0.069**	**ND(0.050)**	**ND(0.050)**
							--							
Semi Volatile Organic Compounds (ug/L)														
bis(2-Ethylhexyl)phthalate	**ND(9.5)**	--	--	--	**ND(9.5)**	--	--	--	**ND(9.5)**	--	--	--	--	--
Di-n-butylphthalate	**ND(9.5)**	--	--	--	**ND(9.5)**	--	--	--	**ND(9.5)**	--	--	--	--	--
Volatile Organic Compounds (ug/L)														
1,1,1-Trichloroethane	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
1,1,2-Trichloroethane	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
1,1-Dichloroethene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
1,2-Dichlorobenzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
1,2-Dichloroethane	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	**ND(20)**	--	--	--	**ND(20)**	--	--	--	**ND(20)**	--	--	--	--	--
Benzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Chlorobenzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Chloroform (Trichloromethane)	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Ethylbenzene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Methylene chloride	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Styrene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Tetrachloroethene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Toluene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
trans-1,2-Dichloroethene	**ND(2.5)**	--	--	--	**ND(2.5)**	--	--	--	**ND(2.5)**	--	--	--	--	--
Trichloroethene	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Vinyl chloride	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Xylene (total)	**ND(5.0) J**	--	--	--	**ND(5.0)**	--	--	--	**ND(5.0)**	--	--	--	--	--
Pesticides (ug/L)														
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	July 2016				August 2016					September 2016			
	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
150 Influent to Treatment Facility													
Sample ID		**PW-1064**											
Sample Date		**7/14/16**											
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	**360**	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	**540**	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	**1300**	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	**ND (4.0)**	--	--	--	--	--	--	--	--	--	--	--
Metals (mg/L)													
Arsenic	--	**ND (0.010)**	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	**140**	--	--	--	--	--	--	--	--	--	--	--
Copper	--	**ND (0.021)**	--	--	--	--	--	--	--	--	--	--	--
Iron	--	**0.68**	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	**47**	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	**ND (0.00020)**	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	**ND (0.050)**	--	--	--	--	--	--	--	--	--	--	--
Pesticides and PCBs (ug/L)													
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1016 (PCB-1016)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1221 (PCB-1221)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1232 (PCB-1232)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1242 (PCB-1242)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1248 (PCB-1248)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1254 (PCB-1254)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1260 (PCB-1260)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)													
2,4-Dichlorophenol	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Isophorone	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--
Phenol	--	**ND (9.5)**	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	37	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	ND (20)	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	ND (20)	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	ND (2.5)	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--	--
150 Clarifier Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Sand Filter Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Effluent													
Sample ID													
Sample Date													
Volatile Organic Compounts (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
150 Air Stripper 1 Effluent													
Sample ID		**PW-1066**											
Sample Date		**7/14/16**											
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ug/L)	--	--											
1,1,1-Trichloroethane	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	**ND (20)**	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	**ND (20)**	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	**ND (2.5)**	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Influent													
Sample ID		**PW-1065**											
Sample Date		**7/14/16**											
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	**12**	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	**ND (20)**	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	**ND (20)**	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	**ND (2.5)**	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	**ND (5.0)**	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
150 Between Carbon Beds													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Cartridge Filter													
Sample ID													
Sample Date													
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Influent to Treatment Facility													
Sample ID													
Sample Date													
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoride	--	--	--	--	--	--	--	--	--	--	--	--	--
pH	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals (mg/L)													
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)													
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
Pesticides (ug/L)													
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Clarifier Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Sand Filter Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Effluent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
300 Clarifier Influent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Flocculator Influent													
Sample ID													
Sample Date													
Metals (mg/L)													
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Influent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
Portable Air Stripper Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics													
Total Dissolved Solids (TDS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
450 Effluent from Treatment Facility													
Sample ID	**DW-1104**	**DW-1105**	**DW-1106**	**DW-1107**	**DW-1108**	**DW-1111**	**DW-1113**	**DW-1114**	**DW-1115**	**DW-1116**	**DW-1117**	**DW-1118**	**DW-1119**
Sample Date	**7/6/16**	**7/13/16**	**7/21/16**	**7/27/16**	**8/4/16**	**8/9/16**	**8/17/16**	**8/24/16**	**8/31/16**	**9/7/16**	**9/14/16**	**9/20/16**	**9/28/16**
General Inorganics													
Ammonia (mg/L)	--	ND (0.20)	--	--	ND (0.20)	--	--	--	--	ND (0.20)	--	--	--
Chemical Oxygen Demand (COD) (mg/L)	--	ND (10)	--	--	ND (10)	--	--	--	--	ND (10)	--	--	--
Fluoride (mg/L)	--	0.24	--	--	0.23	--	--	--	--	0.23	--	--	--
pH, lab	6.33	--	7.94 J	--	7.7	--	7.1	--	--	7.5	--	7.5 J	--
Total Dissolved Solids (TDS) (mg/L)	--	1400	--	--	1400	--	--	--	--	1400	--	--	--
Total Suspended Solids (TSS) (mg/L)	--	ND (4.0)	--	--	ND (4.0)	--	--	--	--	ND (4.0)	--	--	--
Metals (mg/L)													
Iron	--	ND (0.100)	--	--	ND (0.100)	--	--	--	--	ND (0.100)	--	--	--
Mercury (ng/L)	--	--	1.6	--	1.4	--	--	--	--	2.0	--	--	--
Silver	--	ND(0.0040)	--	--	ND(0.0040)	--	--	--	--	ND(0.0040)	--	--	--
Zinc	0.053	0.063	ND(0.050)	ND(0.050)	0.053	ND(0.050)	0.096	0.092	0.092	0.061	0.060	0.076	ND(0.050)
							--	--					
Semi Volatile Organic Compounds (ug/L)													
bis(2-Ethylhexyl)phthalate	--	ND(9.5)	--	--	ND(9.5)	--	--	--	--	ND(9.5)	--	--	--
Di-n-butylphthalate	--	ND(9.5)	--	--	ND(9.5)	--	--	--	--	ND(9.5)	--	--	--
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
1,1,2-Trichloroethane	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
1,1-Dichloroethene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
1,2-Dichlorobenzene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
1,2-Dichloroethane	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	ND(20)	--	--	ND(20)	--	--	--	--	ND(20)	--	--	--
Benzene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Chlorobenzene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Chloroform (Trichloromethane)	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Ethylbenzene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Methylene chloride	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Styrene	--	ND(5.0) J	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Tetrachloroethene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Toluene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
trans-1,2-Dichloroethene	--	ND(2.5)	--	--	ND(2.5)	--	--	--	--	ND(2.5)	--	--	--
Trichloroethene	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Vinyl chloride	--	ND(5.0)	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Xylene (total)	--	ND(5.0) J	--	--	ND(5.0)	--	--	--	--	ND(5.0)	--	--	--
Pesticides (ug/L)													
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	October 2016				November 2016					December 2016			
	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
150 Influent to Treatment Facility													
Sample ID			**PW-1067**										
Sample Date			**10/19/16**										
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	**370**	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	**520**	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	**1200**	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	**ND (4.0)**	--	--	--	--	--	--	--	--	--	--
Metals (mg/L)													
Arsenic	--	--	**ND (0.010)**	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	**130**	--	--	--	--	--	--	--	--	--	--
Copper	--	--	**ND (0.021)**	--	--	--	--	--	--	--	--	--	--
Iron	--	--	**0.63**	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	**46**	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	**ND (0.00020)**	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Pesticides and PCBs (ug/L)													
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1016 (PCB-1016)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1221 (PCB-1221)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1232 (PCB-1232)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1242 (PCB-1242)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1248 (PCB-1248)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1254 (PCB-1254)	--	--	--	--	--	--	--	--	--	--	--	--	--
Aroclor-1260 (PCB-1260)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)													
2,4-Dichlorophenol	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Isophorone	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--
Phenol	--	--	**ND (9.6)**	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	45	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	ND (20)	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	ND (20)	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	6.4	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	ND (2.5)	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	ND (5.0)	--	--	--	--	--	--	--	--	--	--
150 Clarifier Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Sand Filter Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Effluent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
150 Air Stripper 1 Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ug/L)	--	--											
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Air Stripper Influent													
Sample ID													
Sample Date													
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
150 Between Carbon Beds													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
150 Cartridge Filter													
Sample ID													
Sample Date													
Metals (mg/L)													
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Influent to Treatment Facility													
Sample ID													
Sample Date													
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoride	--	--	--	--	--	--	--	--	--	--	--	--	--
pH	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals (mg/L)													
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
Semi Volatile Organic Compounds (ug/L)													
2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--
4-Methylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Butyl benzylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Diethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-butylphthalate	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	--	--	--
Pentachlorophenol	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenol	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
Pesticides (ug/L)													
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Clarifier Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Sand Filter Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Effluent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
300 Clarifier Influent													
Sample ID													
Sample Date													
Metals (mg/L)													
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Flocculator Influent													
Sample ID													
Sample Date													
Metals (mg/L)													
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics (mg/L)													
Alkalinity, Total (As CaCO3)	--	--	--	--	--	--	--	--	--	--	--	--	--
Hardness	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS)	--	--	--	--	--	--	--	--	--	--	--	--	--
300 Air Stripper Influent													
Sample ID													
Sample Date													
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	--	--	--	--	--	--	--	--	--	--	--	--
Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform (Trichloromethane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Styrene	--	--	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--
Portable Air Stripper Effluent													
Sample ID													
Sample Date													
Metals (mg/L)													
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--
General Inorganics													
Total Dissolved Solids (TDS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Suspended Solids (TSS) (mg/L)	--	--	--	--	--	--	--	--	--	--	--	--	--

ATTACHMENT 2

SUMMARY OF ANALYTICAL RESULTS
TREATMENT FACILITY, PRISTINE, INC. SITE, READING, OHIO

	Week 1	*Week 2*	*Week 3*	*Week 4*	*Week 1*	*Week 2*	*Week 3*	*Week 4*	*Week 5*	*Week 1*	*Week 2*	*Week 3*	*Week 4*
450 Effluent from Treatment Facility													
Sample ID	**DW-1120**	**DW-1121**	**DW-1122**	**DW-1023**	**DW-1124**	**DW-1125**	**DW-1128**	**DW-1129/DW-1130**	**DW-1131**	**DW-1132**	**DW-1134**	**DW-1135**	**DW-1136**
Sample Date	**10/5/16**	**10/12/16**	**10/19/16**	**10/26/16**	**11/2/16**	**11/9/16**	**11/16/16**	**11/22/16; 11/23/16**	**11/30/16**	**12/7/16**	**12/14/16**	**12/21/16**	**12/28/16**
General Inorganics													
Ammonia (mg/L)	--	ND (0.20)	--	--	--	ND (0.20)	--	--	--	ND (0.20)	--	--	--
Chemical Oxygen Demand (COD) (mg/L)	--	ND (10)	--	--	--	ND (10)	--	--	--	ND (10)	--	--	--
Fluoride (mg/L)	--	0.22	--	--	--	0.22	--	--	--	0.22	--	--	--
pH, lab	7.5	--	7.4	--	--	7.3 J	--	7.6	--	7.4	--	7.6	--
Total Dissolved Solids (TDS) (mg/L)	--	1400	--	--	--	1400	--	--	--	1400	--	--	--
Total Suspended Solids (TSS) (mg/L)	--	ND (4.0)	--	--	--	ND (4.0)	--	--	--	ND (4.0)	--	--	--
Metals (mg/L)													
Iron	--	ND (0.100)	--	--	--	ND (0.100)	--	--	--	ND (0.100)	--	--	--
Mercury (ng/L)	--	2.1	--	--	--	2.9	--	--	--	5.5	--	--	--
Silver	--	ND(0.0040)	--	--	--	ND(0.0040)	--	--	--	ND(0.0040)	--	--	--
Zinc	ND(0.050)	ND(0.050)	0.061	ND(0.050)	ND(0.050)	0.053	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)	ND(0.050)
							--	--					
Semi Volatile Organic Compounds (ug/L)													
bis(2-Ethylhexyl)phthalate	--	ND(9.5)	--	--	--	ND(9.5)	--	--	--	ND(9.5)	--	--	--
Di-n-butylphthalate	--	ND(9.5)	--	--	--	ND(9.5)	--	--	--	ND(9.5)	--	--	--
Volatile Organic Compounds (ug/L)													
1,1,1-Trichloroethane	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
1,1,2-Trichloroethane	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
1,1-Dichloroethene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
1,2-Dichlorobenzene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
1,2-Dichloroethane	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
2-Butanone (Methyl Ethyl Ketone)	--	ND(20)	--	--	--	ND(20)	--	--	--	ND(20)	--	--	--
Benzene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Chlorobenzene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Chloroform (Trichloromethane)	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Ethylbenzene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Methylene chloride	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Styrene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Tetrachloroethene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Toluene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
trans-1,2-Dichloroethene	--	ND(2.5)	--	--	--	ND(2.5)	--	--	--	ND(2.5)	--	--	--
Trichloroethene	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Vinyl chloride	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Xylene (total)	--	ND(5.0) J	--	--	--	ND(5.0)	--	--	--	ND(5.0)	--	--	--
Pesticides (ug/L)													
4,4'-DDE	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
beta-BHC	--	--	--	--	--	--	--	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--	--	--	--	--	--	--	--
Endrin	--	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--	--	--	--	--	--	--	--
Total PCBs	--	--	--	--	--	--	--	--	--	--	--	--	--

Appendix B
Calculations-Estimates of VOC Mass Removal from Groundwater and Soil

Table B.1

Year 2016 Estimated Gross VOC Mass Removal from Groundwater
Pristine, Inc. Site
Reading, Ohio

150-GPM System and GW108 [5]

	Influent VOC [2] (µg/L)	Average Daily Volume [3] (MGD)	Influent VOC (g/gallon)	Influent VOC (g/day)	Influent VOC (lb/day)	Influent VOC [4] (lb/month)
January	41 0	59 034	0 00016	9 162	0 020	0 626
February	41 0	59 375	0 00016	9 215	0 020	0 589
March	41 0	58 600	0 00016	9 095	0 020	0 622
April	46 0	58 535	0 00017	10 193	0 022	0 674
May [1]	46 0	45 681	0 00017	7 954	0 018	0 544
June	46 0	54 105	0 00017	9 421	0 021	0 623
July	37 0	54 139	0 00014	7 583	0 017	0 518
August	37 0	53 841	0 00014	7 541	0 017	0 515
September	37 0	53 921	0 00014	7 552	0 017	0 499
October	51 4	54 346	0 00019	10 574	0 023	0 723
November	51 4	55 764	0 00019	10 850	0 024	0 718
December [1]	51 4	57 685	0 00019	11 224	0 025	0 767
Total						**7.418**

300-GPM System [5]

	Influent VOC (µg/L)	Average Daily Volume (MGD)	Influent VOC (g/gallon)	Influent VOC (g/day)	Influent VOC (lb/day)	Influent VOC (lb/month)
January	--	--	--	--	--	--
February	--	--	--	--	--	--
March	--	--	--	--	--	--
April	--	--	--	--	--	--
May	--	--	--	--	--	--
June	--	--	--	--	--	--
July	--	--	--	--	--	--
August	--	--	--	--	--	--
September	--	--	--	--	--	--
October	--	--	--	--	--	--
November	--	--	--	--	--	--
December	--	--	--	--	--	--
Total						**0.000**

Table B.1

Year 2016 Estimated Gross VOC Mass Removal from Groundwater
Pristine, Inc. Site
Reading, Ohio

2016 Estimated Gross VOC Mass Removal From Groundwater

Month	(lb/day)	(lb/month)
January	0 020	0 626
February	0 020	0 589
March	0 020	0 622
April	0 022	0 674
May [1]	0 018	0 544
June	0 021	0 623
July	0 017	0 518
August	0 017	0 515
September	0 017	0 499
October	0 023	0 723
November	0 024	0 718
December [1]	0 025	0 767
Total		**7.418**

Notes

1 Treatment system down for maintenance activities during part of the month
2 Values from Table B 2
3 Average daily volume calculated from cumulative volumes recorded in weekly treatment plant reports and is presented in MGD units, which represent thousands of gallons per day
4 Sample calculation provided at end of Table B 1
5 Pumping groundwater from GW108 was redirected to the 150-GPM system in June 2011 and the 300-GPM system was shutdown on May 16, 2011 as part of flow reduction

Sample Calculation based on 150-GPM system influent VOC for January 2016

41 0 µg/L * (1 g/1,000,000 µg) * (3 7854 L/ gal) = 0 00015520 g/gal

0 00015520 g/gal * (59 033527 thousands of gallons/day) * (1000 gal) = 9 162 g/day

9 162 g/day * (1 lb / 453 59237 g) = 0 0202 lb/day

1,830,039 gal/month * 0 00015520 g/gal * (1 lb / 453 59237 g) = 0 626 lb/month

Table B.2

Year 2016 Estimated Quarterly VOC Removal from Groundwater [1]
Pristine, Inc. Site
Reading, Ohio

	January Through March 2016					
	150-GPM System + GW108			300-GPM System [3]		
Description	**Influent**	**Effluent**	**Delta [2]**	**Influent (300)**	**Effluent**	**Delta [2]**
Sample ID:	**W-012816-JC-1059-PW**	**W-020416-JC-1077-DW**		--	--	
Sampling Date:	**1/28/2016**	**2/4/2016**		--	--	
Volatile Organic Compounds (µg/L)						
1,1,1-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1,2,2-Tetrachloroethane	ND (5 0)	--	--	--	--	--
1,1,2-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1-Dichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichloroethane	41	ND (5 0)	38 5	--	--	--
1,3-Dichlorobenzene	ND (5 0)	--	--	--	--	--
1,4-Dichlorobenzene	ND (5 0)	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	ND (20)	ND (20)	--	--	--	--
Acetone	ND (20)	--	--	--	--	--
Benzene	ND (5 0)	ND (5 0)	--	--	--	--
Carbon tetrachloride	ND (5 0)	--	--	--	--	--
Chlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
Chloroform (Trichloromethane)	ND (5 0)	ND (5 0)	--	--	--	--
Ethylbenzene	ND (5 0)	ND (5 0)	--	--	--	--
Methylene chloride	ND (5 0)	ND (5 0)	--	--	--	--
Styrene	ND (5 0)	ND (5 0)	--	--	--	--
Tetrachloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Toluene	ND (5 0)	ND (5 0)	--	--	--	--
trans-1,2-Dichloroethene	ND (2 5)	ND (2 5)	--	--	--	--
Trichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Vinyl chloride	ND (5 0)	ND (5 0)	--	--	--	--
Xylenes (total)	ND (5 0)	ND (5 0)	--	--	--	--
Total VOC	**41.0**	--	**38.5**	--	--	--

Average Daily Volume [4] (MGD [5]) **58.995**

Notes
1 VOC removal calculation based on analytical results of process water samples collected once a quarter
2 Value equals the difference between the influent and effluent concentrations Where a concentration was not detected (ND) for a parameter, one half of the reporting limit in parentheses was assumed for the concentration
3 300-GPM system is idle after being shut down on May 16, 2011
4 Average Daily Volume calculated from cumulative volumes recorded in weekly treatment plant reports
5 MGD - thousands of gallons per day
ND - Non detect at the associated value listed in parenthesis
-- No value

Table B.2

Year 2016 Estimated Quarterly VOC Removal from Groundwater [1]
Pristine, Inc. Site
Reading, Ohio

	April Through June 2016					
	150-GPM System + GW108			300-GPM System [3]		
Description	**Influent**	**Effluent**	**Delta [2]**	**Influent (300)**	**Effluent**	**Delta [2]**
Sample ID:	**W-050316-RR-1060-PW**	**W-050316-RR-1092-DW**		--	--	
Sampling Date:	**5/3/2016**	**5/3/2016**		--	--	
Volatile Organic Compounds (µg/L)						
1,1,1-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1,2,2-Tetrachloroethane	ND (5 0)	--	--	--	--	--
1,1,2-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1-Dichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichloroethane	46	ND (5 0)	43 5	--	--	--
1,3-Dichlorobenzene	ND (5 0)	--	--	--	--	--
1,4-Dichlorobenzene	ND (5 0)	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	ND (20)	ND (20)	--	--	--	--
Acetone	ND (20)	--	--	--	--	--
Benzene	ND (5 0)	ND (5 0)	--	--	--	--
Carbon tetrachloride	ND (5 0)	--	--	--	--	--
Chlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
Chloroform (Trichloromethane)	ND (5 0)	ND (5 0)	--	--	--	--
Ethylbenzene	ND (5 0)	ND (5 0)	--	--	--	--
Methylene chloride	ND (5 0)	ND (5 0)	--	--	--	--
Styrene	ND (5 0)	ND (5 0)	--	--	--	--
Tetrachloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Toluene	ND (5 0)	ND (5 0)	--	--	--	--
trans-1,2-Dichloroethene	ND (2 5)	ND (2 5)	--	--	--	--
Trichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Vinyl chloride	ND (5 0)	ND (5 0)	--	--	--	--
Xylenes (total)	ND (5 0)	ND (5 0)	--	--	--	--
Total VOC	**46.0**	--	**43.5**	--	--	--
Average Daily Volume [4] (MGD [5])	**57.087**					

Notes
1 VOC removal calculation based on analytical results of process water samples collected once a quarter
2 Value equals the difference between the influent and effluent concentrations Where a concentration was not detected (ND) for a parameter, one half of the reporting limit in parentheses was assumed for the concentration
3 300-GPM system is idle after being shut down on May 16, 2011
4 Average Daily Volume calculated from cumulative volumes recorded in weekly treatment plant reports
5 MGD - thousands of gallons per day
ND - Non detect at the associated value listed in parenthesis
-- No value

Table B.2

Year 2016 Estimated Quarterly VOC Removal from Groundwater [1]
Pristine, Inc. Site
Reading, Ohio

	July Through September 2016					
	150-GPM System + GW108			300-GPM System [3]		
Description	**Influent**	**Effluent**	**Delta [2]**	**Influent (300)**	**Effluent**	**Delta [2]**
Sample ID:	**W-071416-RR-1064-PW**	**W-071316-RR-1105-DW**		--	--	
Sampling Date:	**7/14/2016**	**7/13/2016**		--	--	
Volatile Organic Compounds (µg/L)						
1,1,1-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1,2,2-Tetrachloroethane	ND (5 0)	--	--	--	--	--
1,1,2-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1-Dichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichloroethane	37	ND (5 0)	34 5	--	--	--
1,3-Dichlorobenzene	ND (5 0)	--	--	--	--	--
1,4-Dichlorobenzene	ND (5 0)	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	ND (20)	ND (20)	--	--	--	--
Acetone	ND (20)	--	--	--	--	--
Benzene	ND (5 0)	ND (5 0)	--	--	--	--
Carbon tetrachloride	ND (5 0)	--	--	--	--	--
Chlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
Chloroform (Trichloromethane)	ND (5 0)	ND (5 0)	--	--	--	--
Ethylbenzene	ND (5 0)	ND (5 0)	--	--	--	--
Methylene chloride	ND (5 0)	ND (5 0)	--	--	--	--
Styrene	ND (5 0)	ND (5 0) J	--	--	--	--
Tetrachloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Toluene	ND (5 0)	ND (5 0)	--	--	--	--
trans-1,2-Dichloroethene	ND (2 5)	ND (2 5)	--	--	--	--
Trichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Vinyl chloride	ND (5 0)	ND (5 0)	--	--	--	--
Xylenes (total)	ND (5 0)	ND (5 0) J	--	--	--	--
Total VOC	**37.0**	--	**34.5**	--	--	--

Average Daily Volume [4] (MGD [5]) **53.968**

Notes
1 VOC removal calculation based on analytical results of process water samples collected once a quarter
2 Value equals the difference between the influent and effluent concentrations Where a concentration was not detected (ND) for a parameter, one half of the reporting limit in parentheses was assumed for the concentration
3 300-GPM system is idle after being shut down on May 16, 2011
4 Average Daily Volume calculated from cumulative volumes recorded in weekly treatment plant reports
5 MGD - thousands of gallons per day
ND - Non detect at the associated value listed in parenthesis
-- No value

Table B.2

Year 2016 Estimated Quarterly VOC Removal from Groundwater [1]
Pristine, Inc. Site
Reading, Ohio

	October Through December 2016					
	150-GPM System + GW108			300-GPM System [3]		
Description	**Influent**	**Effluent**	**Delta [2]**	**Influent (300)**	**Effluent**	**Delta [2]**
Sample ID:	**W-101916-RR-1067-PW**	**W-101216-RR-1121-DW**		--	--	
Sampling Date:	**10/19/2016**	**10/12/2016**		--	--	
Volatile Organic Compounds (µg/L)						
1,1,1-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1,2,2-Tetrachloroethane	ND (5 0)	--	--	--	--	--
1,1,2-Trichloroethane	ND (5 0)	ND (5 0)	--	--	--	--
1,1-Dichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
1,2-Dichloroethane	45	ND (5 0)	42 5	--	--	--
1,3-Dichlorobenzene	ND (5 0)	--	--	--	--	--
1,4-Dichlorobenzene	ND (5 0)	--	--	--	--	--
2-Butanone (Methyl ethyl ketone) (MEK)	ND (20)	ND (20)	--	--	--	--
Acetone	ND (20)	--	--	--	--	--
Benzene	ND (5 0)	ND (5 0)	--	--	--	--
Carbon tetrachloride	ND (5 0)	--	--	--	--	--
Chlorobenzene	ND (5 0)	ND (5 0)	--	--	--	--
Chloroform (Trichloromethane)	ND (5 0)	ND (5 0)	--	--	--	--
Ethylbenzene	ND (5 0)	ND (5 0)	--	--	--	--
Methylene chloride	6 4	ND (5 0)	3 9	--	--	--
Styrene	ND (5 0)	ND (5 0)	--	--	--	--
Tetrachloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Toluene	ND (5 0)	ND (5 0)	--	--	--	--
trans-1,2-Dichloroethene	ND (2 5)	ND (2 5)	--	--	--	--
Trichloroethene	ND (5 0)	ND (5 0)	--	--	--	--
Vinyl chloride	ND (5 0)	ND (5 0)	--	--	--	--
Xylenes (total)	ND (5 0)	ND (5 0)	--	--	--	--
Total VOC	**51.4**	--	**46.4**	--	--	--

Average Daily Volume [4] (MGD [5]) **56.239**

Notes
1 VOC removal calculation based on analytical results of process water samples collected once a quarter
2 Value equals the difference between the influent and effluent concentrations Where a concentration was not detected (ND) for a parameter, one half of the reporting limit in parentheses was assumed for the concentration
3 300-GPM system is idle after being shut down on May 16, 2011
4 Average Daily Volume calculated from cumulative volumes recorded in weekly treatment plant reports
5 MGD - thousands of gallons per day
ND - Non detect at the associated value listed in parenthesis
-- No value

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
October, 1997	9795 0	27 425	0 03710	1017 530	2 243	69 541
November, 1997	17719 4	27 425	0 06712	1840 737	4 058	121 744
December, 1997	15060 0	27 425	0 05705	1564 472	3 449	106 921
TOTAL - 1997						**298.206**
January, 1998	16379 9	68 446	0 06205	4246 737	9 362	290 236
February, 1998	16379 9	94 907	0 06205	5888 512	12 982	363 495
March, 1998	18897 5	124 54	0 07158	8914 752	19 654	609 264
April, 1998	18897 5	81 159	0 07158	5809 478	12 808	384 231
May, 1998	18897 5	111 503	0 07158	7981 545	17 596	545 485
June, 1998	14206 0	92 961	0 05381	5002 288	11 028	330 845
July, 1998	14206 0	131 429	0 05381	7072 274	15 592	483 343
August, 1998	14206 0	77 094	0 05381	4148 475	9 146	283 520
September, 1998	10657 7	92 858	0 04037	3748 684	8 264	247 933
October, 1998	10657 7	105 51	0 04037	4259 447	9 390	291 105
November, 1998	10657 7	139 899	0 04037	5647 733	12 451	373 534
December, 1998	10657 7	150 521	0 04037	6076 544	13 396	415 291
TOTAL - 1998						**4618.281**
January, 1999	13313 4	106 635	0 05043	5377 555	11 855	367 520
February, 1999	13313 4	181 576	0 05043	9156 795	20 187	565 244
March, 1999	13313 4	168 315	0 05043	8488 049	18 713	580 101
April, 1999	4940 0	169 941	0 01871	3179 957	7 011	210 318
May, 1999	4940 0	158 665	0 01871	2968 959	6 545	202 908
June, 1999	4940 0	64 888	0 01871	1214 192	2 677	80 305
July, 1999	6686 3	217 104	0 02533	5498 570	12 122	375 790
August, 1999	6686 3	149 886	0 02533	3796 147	8 369	259 441
September, 1999	6686 3	172 073	0 02533	4358 075	9 608	288 237
October, 1999	4538 0	162 219	0 01719	2788 446	6 147	190 572
November, 1999	4538 0	159 062	0 01719	2734 179	6 028	180 835
December, 1999	4538 0	148 223	0 01719	2547 864	5 617	174 129
TOTAL - 1999						**3475.401**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2000	3447 0	167 196	0 01306	2183 048	4 813	149 197
February, 2000	3447 0	185 088	0 01306	2416 660	5 328	154 507
March, 2000	3447 0	170 832	0 01306	2230 522	4 917	152 441
April, 2000	2982 0	185 964	0 01130	2100 548	4 631	138 927
May, 2000	2982 0	172 240	0 01130	1945 529	4 289	132 964
June, 2000	2982 0	116 744	0 01130	1318 677	2 907	87 216
July, 2000	2903 0	174 233	0 01100	1915 903	4 224	130 939
August, 2000	2903 0	177 815	0 01100	1955 291	4 311	133 631
September, 2000	2903 0	185 371	0 01100	2038 379	4 494	134 816
October, 2000	2835 6	181 353	0 01074	1947 896	4 294	133 126
November, 2000	2835 6	169 237	0 01074	1817 759	4 007	120 224
December, 2000	2835 6	166 040	0 01074	1783 421	3 932	121 885
TOTAL - 2000						**1589.872**
January, 2001	3455 3	130 183	0 01309	1703 869	3 756	116 448
February, 2001	3455 3	172 519	0 01309	2257 973	4 978	139 383
March, 2001	3455 3	151 070	0 01309	1977 243	4 359	135 131
April, 2001	1687 2	157 348	0 00639	1005 597	2 217	66 509
May, 2001	1687 2	165 127	0 00639	1055 312	2 327	72 123
June, 2001	1687 2	138 952	0 00639	888 030	1 958	58 733
July, 2001	1204 0	179 067	0 00456	816 654	1 800	55 813
August, 2001	1204 0	201 660	0 00456	919 692	2 028	62 855
September, 2001	1204 0	184 187	0 00456	840 004	1 852	55 557
October, 2001	712 0	169 996	0 00270	458 474	1 011	31 334
November, 2001	712 0	204 826	0 00270	552 410	1 218	36 536
December, 2001	712 0	202 794	0 00270	546 929	1 206	37 379
TOTAL - 2001						**867.801**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2002	929 0	197 315	0 00352	694 340	1 531	47 453
February, 2002	929 0	200 793	0 00352	706 578	1 558	43 617
March, 2002	929 0	186 057	0 00352	654 723	1 443	44 746
April, 2002	874 0	165 416	0 00331	547 627	1 207	36 219
May, 2002	874 0	179 629	0 00331	594 681	1 311	40 642
June, 2002	874 0	114 996	0 00331	380 706	0 839	25 179
July, 2002	766 0	162 374	0 00290	471 131	1 039	32 199
August, 2002	766 0	178 688	0 00290	518 466	1 143	35 434
September, 2002	766 0	169 804	0 00290	492 689	1 086	32 586
October, 2002	594 0	176 907	0 00225	398 041	0 878	27 203
November, 2002	594 0	179 017	0 00225	402 788	0 888	26 640
December, 2002	594 0	168 134	0 00225	378 302	0 834	25 854
TOTAL - 2002						**417.773**
January, 2003	597 0	167 428	0 00226	378 616	0 835	25 876
February, 2003	597 0	165 178	0 00226	373 528	0 823	23 058
March, 2003	597 0	159 763	0 00226	361 282	0 796	24 691
April, 2003	486 0	155 757	0 00184	286 734	0 632	18 964
May, 2003	486 0	155 711	0 00184	286 650	0 632	19 591
June, 2003	486 0	106 848	0 00184	196 697	0 434	13 009
July, 2003	500 0	163 102	0 00189	308 905	0 681	21 112
August, 2003	500 0	167 375	0 00189	316 998	0 699	21 665
September, 2003	500 0	163 008	0 00189	308 727	0 681	20 419
October, 2003	454 0	177 418	0 00172	305 105	0 673	20 852
November, 2003	454 0	141 023	0 00172	242 517	0 535	16 040
December, 2003	454 0	164 989	0 00172	283 731	0 626	19 391
TOTAL - 2003						**244.667**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	Average Daily Volume (MGD)	Influent VOC (g/gallons)	Influent VOC (g/day)	Influent VOC (lb/day)	Influent VOC (lb/month)
January, 2004	352 0	170 765	0 00133	227 687	0 502	15 561
February, 2004	352 0	175 359	0 00133	233 812	0 515	14 949
March, 2004	352 0	141 492	0 00133	188 656	0 416	12 893
April, 2004	372 0	128 802	0 00141	181 494	0 400	12 004
May, 2004	372 0	167 011	0 00141	235 334	0 519	16 083
June, 2004	372 0	89 620	0 00141	126 283	0 278	8 352
July, 2004	557 0	168 512	0 00211	355 535	0 784	24 298
August, 2004	557 0	175 458	0 00211	370 190	0 816	25 300
September, 2004	557 0	178 675	0 00211	376 977	0 831	24 933
October, 2004	318 0	180 266	0 00120	217 139	0 479	14 840
November, 2004	318 0	177 789	0 00120	214 155	0 472	14 164
December, 2004	318 0	185 381	0 00120	223 300	0 492	15 261
TOTAL - 2004						**198.638**
January, 2005	246 0	211 270	0 00093	196 865	0 434	13 454
February, 2005	246 0	174 545	0 00093	162 644	0 359	10 040
March, 2005	246 0	201 668	0 00093	187 918	0 414	12 843
April, 2005	224 0	183 883	0 00085	156 022	0 344	10 319
May, 2005	224 0	66 361	0 00085	56 306	0 124	3 848
June, 2005	224 0	179 419	0 00085	152 234	0 336	10 069
July, 2005	236 0	327 045	0 00089	292 358	0 645	19 981
August, 2005	236 0	182 549	0 00089	163 188	0 360	11 153
September, 2005	236 0	187 517	0 00089	167 629	0 370	11 087
October, 2005	278 0	79 361	0 00105	83 570	0 184	5 711
November, 2005	278 0	98 677	0 00105	103 910	0 229	6 872
December, 2005	278 0	174 823	0 00105	184 094	0 406	12 582
TOTAL - 2005						**127.959**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2006	239 5	172 974	0 00091	156 921	0 346	10 725
February, 2006	239 5	174 984	0 00091	158 745	0 350	9 799
March, 2006	239 5	136 222	0 00091	123 580	0 272	8 446
April, 2006	148 9	115 043	0 00056	64 886	0 143	4 291
May, 2006	148 9	47 612	0 00056	26 854	0 059	1 835
June, 2006	148 9	115 896	0 00056	65 367	0 144	4 323
July, 2006	209 0	94 505	0 00079	74 816	0 165	5 113
August, 2006	209 0	121 938	0 00079	96 534	0 213	6 597
September, 2006	209 0	110 480	0 00079	87 463	0 193	5 785
October, 2006	167 2	91 106	0 00063	57 700	0 127	3 943
November, 2006	167 2	111 430	0 00063	70 572	0 156	4 668
December, 2006	167 2	114 126	0 00063	72 280	0 159	4 940
TOTAL - 2006						**70.466**
January, 2007	170 1	97 414	0 00064	62 766	0 138	4 290
February, 2007	170 1	108 042	0 00064	69 613	0 153	4 297
March, 2007	170 1	118 392	0 00064	76 282	0 168	5 213
April, 2007	125 5	100 320	0 00048	47 690	0 105	3 154
May, 2007	125 5	64 651	0 00048	30 734	0 068	2 100
June, 2007	125 5	119 725	0 00048	56 915	0 125	3 764
July, 2007	142 6	94 061	0 00054	50 807	0 112	3 472
August, 2007	142 6	122 525	0 00054	66 182	0 146	4 523
September, 2007	142 6	110 638	0 00054	59 761	0 132	3 953
October, 2007	166 3	93 386	0 00063	58 826	0 130	4 020
November, 2007	166 3	107 118	0 00063	67 476	0 149	4 463
December, 2007	166 3	75 756	0 00063	47 721	0 105	3 261
TOTAL - 2007						**46.512**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2008	164 6	107 598	0 00062	67 086	0 148	4 585
February, 2008	164 6	109 681	0 00062	68 384	0 151	4 372
March, 2008	164 6	114 743	0 00062	71 541	0 158	4 889
April, 2008	131 9	109 424	0 00050	54 671	0 121	3 616
May, 2008	131 9	60 049	0 00050	30 002	0 066	2 050
June, 2008	131 9	112 091	0 00050	56 003	0 123	3 704
July, 2008	145 1	109 288	0 00055	60 067	0 132	4 105
August, 2008	145 1	109 842	0 00055	60 371	0 133	4 126
September, 2008	145 1	77.082	0 00055	42 366	0 093	2 802
October, 2008	148 0	111 282	0 00056	62 385	0 138	4 264
November, 2008	148 0	85 698	0 00056	48 043	0 106	3 177
December, 2008	148 0	64 962	0 00056	36 418	0 080	2 489
TOTAL - 2008						**44.180**
January, 2009	92 3	80 009	0 00035	27 973	0 062	1 912
February, 2009	92 3	73 691	0 00035	25 764	0 057	1 590
March, 2009	92 3	67 618	0 00035	23 641	0 052	1 616
April, 2009	93 9	53 795	0 00036	19 134	0 042	1 265
May, 2009	93 9	67 207	0 00036	23 904	0 053	1 634
June, 200	93 9	56 772	0 00036	20 193	0 045	1 336
July, 2009	68 0	67 453	0 00026	17 374	0 038	1 187
August, 2009	68 0	57 128	0 00026	14 715	0 032	1 006
September, 2009	68 0	66.432	0 00026	17 111	0 038	1 132
October, 2009	135 4	67 562	0 00051	34 651	0 076	2 368
November, 2009	135 4	57 981	0 00051	29 737	0 066	1 967
December, 2009	135 4	71 921	0 00051	36 887	0 081	2 521
TOTAL - 2009						**19.533**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	Average Daily Volume (MGD)	Influent VOC (g/gallons)	Influent VOC (g/day)	Influent VOC (lb/day)	Influent VOC (lb/month)
January, 2010	88 2	65 809	0 00033	21 986	0 048	1 503
February, 2010	88 2	62 080	0 00033	20 740	0 046	1 280
March, 2010	88 2	63 317	0 00033	21 154	0 047	1 446
April, 2010	88 6	34 901	0 00034	11 713	0 026	0 775
May, 2010	88 6	64 642	0 00034	21 694	0 048	1 483
June, 2010	88 6	63 758	0 00034	21 398	0 047	1 415
July, 2010	88 1	62 954	0 00033	21 009	0 046	1 436
August, 2010	88 1	61 643	0 00033	20 571	0 045	1 406
September, 2010	88 1	68 972	0 00033	23 017	0 051	1 522
October, 2010	86 1	71 610	0 00033	23 355	0 051	1 596
November, 2010	86 1	66 110	0 00033	21 561	0 048	1 426
December, 2010	86 1	68 178	0 00033	22 235	0 049	1 520
TOTAL - 2010						**16.807**
January, 2011	88 1	63 170	0 00033	21 067	0 046	1 440
February, 2011	88 1	61 204	0 00033	20 411	0 045	1 260
March, 2011	88 1	54 557	0 00033	18 194	0 040	1 243
April, 2011	67 8	66 107	0 00026	16 966	0 037	1 122
May, 2011	67 8	29 980	0 00026	7 694	0 017	0 526
June, 2011	67 8	74 470	0 00026	19 113	0 042	1 264
July, 2011	79 6	68 742	0 00030	20 713	0 046	1 416
August, 2011	79 6	66 595	0 00030	20 066	0 044	1 371
September, 2011	79 6	65 727	0 00030	19 805	0 044	1 310
October, 2011	63 0	65 272	0 00024	15 566	0 034	1 064
November, 2011	63 0	63 484	0 00024	15 140	0 033	1 001
December, 2011	63 0	61 764	0 00024	14 729	0 032	1 007
TOTAL - 2011						**14.024**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2012	94 0	49 059	0 00036	17 457	0 038	1 193
February, 2012	94 0	58 823	0 00036	20 931	0 046	1 338
March, 2012	94 0	60 300	0 00036	21 457	0 047	1 466
April, 2012	83 0	54 023	0 00031	16 973	0 037	1 123
May, 2012	83 0	63 058	0 00031	19 812	0 044	1 354
June, 2012	83 0	60 705	0 00031	19 073	0 042	1 261
July, 2012	89 5	62 539	0 00034	21 192	0 047	1 448
August, 2012	89 5	60 676	0 00034	20 560	0 045	1 405
September, 2012	89 5	59 098	0 00034	20 026	0 044	1 324
October, 2012	84 0	55 586	0 00032	17 675	0 039	1 208
November, 2012	84 0	55 064	0 00032	17 509	0 039	1 158
December, 2012	84 0	50 195	0 00032	15 961	0 035	1 091
TOTAL - 2012						**15.371**
January, 2013	61 0	53 249	0 00023	12 296	0 027	0 840
February, 2013	61 0	57 042	0 00023	13 172	0 029	0 813
March, 2013	61 0	46 492	0 00023	10 735	0 024	0 734
April, 2013	58 0	50 703	0 00022	11 132	0 025	0 736
May, 2013	58 0	49 629	0 00022	10 896	0 024	0 745
June, 2013	58 0	54 771	0 00022	12 025	0 027	0 795
July, 2013	65 1	54 174	0 00025	13 350	0 029	0 912
August, 2013	65 1	47 702	0 00025	11 755	0 026	0 803
September, 2013	65 1	48 810	0 00025	12 028	0 027	0 796
October, 2013	84 3	51 822	0 00032	16 537	0 036	1 130
November, 2013	84 3	50 902	0 00032	16 243	0 036	1 074
December, 2013	84 3	52 622	0 00032	16 792	0 037	1 148
TOTAL - 2013						**10.527**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2014	60 0	54 381	0 00023	12 351	0 027	0 844
February, 2014	60 0	53 323	0 00023	12 111	0 027	0 748
March, 2014	60 0	54 457	0 00023	12 369	0 027	0 845
April, 2014	56 0	50 419	0 00021	10 688	0 024	0 707
May, 2014	56 0	50 313	0 00021	10 665	0 024	0 729
June, 2014	56 0	57 885	0 00021	12 271	0 027	0 812
July, 2014	56 0	61 420	0 00021	13 020	0 029	0 890
August, 2014	56 0	58 747	0 00021	12 453	0 027	0 851
September, 2014	56 0	57 274	0 00021	12 141	0 027	0 803
October, 2014	51 0	58 716	0 00019	11 335	0 025	0 775
November, 2014	51 0	57 984	0 00019	11 194	0 025	0 740
December, 2014	51 0	57 025	0 00019	11 009	0 024	0 752
TOTAL - 2014						**9.496**
January, 2015	66 0	60 272	0 00025	15 058	0 033	1 029
February, 2015	66 0	57 740	0 00025	14 426	0 032	0 890
March, 2015	66 0	60 209	0 00025	15 043	0 033	1 028
April, 2015	63 0	55 668	0 00024	13 276	0 029	0 878
May, 2015	63 0	38 821	0 00024	9 258	0 020	0 633
June, 2015	63 0	65 157	0 00024	15 539	0 034	1 028
July, 2015	51 0	57 145	0 00019	11 032	0 024	0 754
August, 2015	51 0	59 975	0 00019	11 579	0 026	0 791
September, 2015	51 0	60 256	0 00019	11 633	0 026	0 769
October, 2015	45 0	58 723	0 00017	10 003	0 022	0 684
November, 2015	45 0	59 898	0 00017	10 203	0 022	0 675
December, 2015	45 0	58 734	0 00017	10 005	0 022	0 684
TOTAL - 2015						**9.843**

Table B.3

Estimated Gross VOC Mass Removal from Groundwater
150-GPM System
Pristine, Inc. Site
Reading, Ohio

	150-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2016	41 0	59 034	0 00016	9 162	0 020	0 626
February, 2016	41 0	59 375	0 00016	9 215	0 020	0 589
March, 2016	41 0	58 600	0 00016	9 095	0 020	0 622
April, 2016	46 0	58 535	0 00017	10 193	0 022	0 674
May, 2016	46 0	45 681	0 00017	7 954	0 018	0 544
June, 2016	46 0	54 105	0 00017	9 421	0 021	0 623
July, 2016	37 0	54 139	0 00014	7 583	0 017	0 518
August, 2016	37 0	53 841	0 00014	7 541	0 017	0 515
September, 2016	37 0	53 921	0 00014	7 552	0 017	0 499
October, 2016	51 4	54 346	0 00019	10 574	0 023	0 723
November, 2016	51 4	55 764	0 00019	10 850	0 024	0 718
December, 2016	51 4	57 685	0 00019	11 224	0 025	0 767
TOTAL - 2016						**7.418**

Note
MGD - thousands of gallons per day

Table B.4

Estimated Gross VOC Mass Removal from Groundwater
300-GPM System
Pristine, Inc. Site
Reading, Ohio

	300-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
October, 1998	3 1	211 020	0 00001	2.478	0 005	0 169
November, 1998	164.8	279.797	0.00062	174.661	0.385	11 552
December, 1998	85 8	301 041	0 00033	97 838	0 216	6.687
TOTAL - 1998						**18.408**
January, 1999	116 1	282 876	0.00044	124 401	0 274	8.502
February, 1999	116 1	358 798	0 00044	157 790	0 348	9.740
March, 1999	608 4	343 373	0 00230	791 319	1.745	54 081
April, 1999	466.9	353 863	0.00177	625.828	1 380	41 391
May, 1999	466 9	394 852	0 00177	698 320	1 540	47 725
June, 1999	466 9	289 175	0 00177	511.424	1 127	33 825
July, 1999	680.0	351 177	0.00258	904 547	1.994	61 820
August, 1999	457.1	377.602	0.00173	653 795	1 441	44 683
September, 1999	782.0	373 728	0 00296	1107 028	2 441	73.217
October, 1999	343.0	343 301	0 00130	446 031	0 983	30 483
November, 1999	1007 0	322 902	0 00381	1231 675	2 715	81.461
December, 1999	663 0	310 051	0 00251	778 651	1.717	53.216
TOTAL - 1999						**540.145**

Table B.4

Estimated Gross VOC Mass Removal from Groundwater
300-GPM System
Pristine, Inc. Site
Reading, Ohio

	300-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2000	750 0	360 687	0 00284	1024 679	2 259	70 030
February, 2000	750.0	418.728	0.00284	1189 568	2 623	76.054
March, 2000	750 0	403.590	0.00284	1146 563	2.528	78 360
April, 2000	671 2	387 451	0.00254	985 065	2 172	65 151
May, 2000	671 2	377 147	0 00254	958 868	2.114	65.532
June, 2000	671.2	335 335	0 00254	852.564	1.880	56 387
July, 2000	533 1	389.830	0 00202	787 191	1 735	53 799
August, 2000	533 1	383 595	0.00202	774 600	1 708	52.939
September, 2000	533.1	383 554	0 00202	774 518	1 708	51 226
October, 2000	552 0	313.678	0 00209	655 872	1 446	44 824
November, 2000	552 0	380 754	0 00209	796 122	1 755	52 654
December, 2000	552.0	272.521	0 00209	569 817	1.256	38 943
TOTAL - 2000						**705.900**
January, 2001	400.0	382 356	0 00152	579 327	1.277	39.593
February, 2001	400 0	316.447	0 00152	479 465	1 057	29 597
March, 2001	400 0	272 149	0 00152	412 347	0.909	28 181
April, 2001	439 1	315 467	0 00166	524 703	1 157	34 703
May, 2001	439.1	301 488	0 00166	501 452	1 106	34 271
June, 2001	439.1	278 938	0 00166	463 946	1 023	30 685
July, 2001	330 0	373 272	0 00125	466.590	1.029	31 888
August, 2001	330 0	381 527	0 00125	476.909	1 051	32.594
September, 2001	330.0	351 836	0 00125	439.795	0 970	29 087
October, 2001	220 0	366.289	0 00083	305 241	0.673	20 861
November, 2001	220 0	358 545	0 00083	298 788	0 659	19 761
December, 2001	220 0	382 872	0 00083	319.060	0 703	21 806
TOTAL - 2001						**353.028**

Table B.4

Estimated Gross VOC Mass Removal from Groundwater
300-GPM System
Pristine, Inc. Site
Reading, Ohio

	300-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2002	110.0	377 208	0.00042	157 170	0 347	10.742
February, 2002	110 0	377 444	0 00042	157 268	0.347	9.708
March, 2002	110.0	381 202	0.00042	158.834	0 350	10 855
April, 2002	140 0	308 276	0.00053	163 480	0 360	10 812
May, 2002	140 0	321 346	0 00053	170 411	0 376	11 646
June, 2002	140 0	263 630	0 00053	139 804	0 308	9 246
July, 2002	100 0	326 092	0 00038	123 520	0.272	8.442
August, 2002	100 0	332 754	0 00038	126.043	0 278	8.614
September, 2002	100 0	315 257	0 00038	119.416	0.263	7 898
October, 2002	70 0	325 576	0 00027	86 327	0 190	5.900
November, 2002	70 0	300 236	0 00027	79.608	0 176	5 265
December, 2002	70.0	301 563	0 00027	79 960	0.176	5.465
TOTAL - 2002						**104.594**
January, 2003	84 0	315 141	0 00032	100 272	0 221	6 853
February, 2003	84 0	330 341	0 00032	105 109	0 232	6 488
March, 2003	84 0	321 853	0.00032	102.408	0.226	6 999
April, 2003	73 0	319 772	0.00028	88.422	0 195	5 848
May, 2003	73 0	326 958	0.00028	90.409	0.199	6 179
June, 2003	73 0	228 174	0 00028	63 094	0 139	4 173
July, 2003	82 0	291 400	0 00031	90 511	0 200	6 186
August, 2003	82.0	298 843	0.00031	92 822	0.205	6 344
September, 2003	82 0	272 113	0.00031	84 520	0 186	5 590
October, 2003	73.0	226 425	0.00028	62.610	0 138	4.279
November, 2003	73 0	281 130	0.00028	77.737	0 171	5.141
December, 2003	73 0	296.690	0 00028	82.039	0 181	5 607
TOTAL - 2003						**69.687**

Table B.4

Estimated Gross VOC Mass Removal from Groundwater
300-GPM System
Pristine, Inc. Site
Reading, Ohio

	300-GPM System					
	Influent VOC (µg/L)	Average Daily Volume (MGD)	Influent VOC (g/gallons)	Influent VOC (g/day)	Influent VOC (lb/day)	Influent VOC (lb/month)
January, 2004	52.0	297.335	0 00020	58.566	0 129	4 003
February, 2004	52.0	301 096	0 00020	59 307	0 131	3 792
March, 2004	52 0	314 835	0 00020	62 013	0 137	4 238
April, 2004	50 0	288 403	0.00019	54 622	0.120	3 613
May, 2004	50 0	316 990	0 00019	60.036	0 132	4 103
June, 2004	50 0	99 440	0.00019	18.833	0 042	1.246
July, 2004	50.0	262.818	0 00019	49.776	0 110	3.402
August, 2004	50 0	327.436	0 00019	62 014	0 137	4 238
September, 2004	50 0	335 431	0 00019	63 529	0.140	4 202
October, 2004	49.0	336 906	0 00019	62 532	0.138	4.274
November, 2004	49.0	322.552	0 00019	59.868	0 132	3 960
December, 2004	49.0	335 705	0.00019	62 309	0 137	4.258
TOTAL - 2004						**45.327**
January, 2005	35 0	327.528	0 00013	43.422	0.096	2 968
February, 2005	35 0	307 501	0 00013	40 767	0 090	2 517
March, 2005	35.0	223.828	0 00013	29 674	0.065	2 028
April, 2005	21 0	264.072	0.00008	21 006	0 046	1.389
May, 2005	21 0	157.012	0 00008	12.490	0 028	0 854
June, 2005	21 0	332 093	0 00008	26 416	0 058	1 747
July, 2005	35 0	333 636	0 00013	44 232	0 098	3 023
August, 2005	35.0	326 910	0 00013	43 340	0 096	2 962
September, 2005	35 0	332 630	0 00013	44 099	0.097	2.917
October, 2005	38 0	280 961	0 00014	40 441	0 089	2 764
November, 2005	38 0	272.047	0.00014	39 158	0 086	2 590
December, 2005	38.0	308 706	0 00014	44.435	0 098	3.037
TOTAL - 2005						**28.794**

Table B.4

Estimated Gross VOC Mass Removal from Groundwater
300-GPM System
Pristine, Inc. Site
Reading, Ohio

	300-GPM System					
	Influent VOC (µg/L)	Average Daily Volume (MGD)	Influent VOC (g/gallons)	Influent VOC (g/day)	Influent VOC (lb/day)	Influent VOC (lb/month)
January, 2006	30 0	318 597	0.00011	36.204	0.080	2.474
February, 2006	30 0	325.307	0 00011	36 967	0 081	2 282
March, 2006	30 0	179 335	0 00011	20 379	0.045	1.393
April, 2006	12 0	112.057	0 00005	5.094	0.011	0.337
May, 2006	12 0	19 222	0.00005	0 874	0.002	0.060
June, 2006	12.0	115.467	0.00005	5.249	0.012	0 347
July, 2006	14.0	64 574	0.00005	3.424	0.008	0.234
August, 2006	14.0	114 439	0.00005	6 069	0.013	0.415
September, 2006	14 0	111.893	0 00005	5.934	0.013	0.392
October, 2006	11 0	58 965	0.00004	2 457	0 005	0.168
November, 2006	11 0	112 060	0 00004	4 669	0 010	0.309
December, 2006	11.0	118 732	0.00004	4 947	0.011	0.338
TOTAL - 2006						**8.749**
January, 2007	10.0	53 813	0 00004	2 038	0 004	0.139
February, 2007	10.0	91.405	0 00004	3.462	0 008	0 214
March, 2007	10.0	113.537	0 00004	4 301	0 009	0 294
April, 2007	38.0	53.343	0.00014	7 678	0.017	0 508
May, 2007	38 0	70 672	0.00014	10.172	0.022	0.695
June, 2007	38 0	118 464	0 00014	17 052	0.038	1 128
July, 2007	8.1	46 540	0.00003	1 428	0 003	0.098
August, 2007	8 1	124 641	0 00003	3.824	0.008	0.261
September, 2007	8 1	117 007	0 00003	3.590	0 008	0 237
October, 2007	69 0	63.902	0.00026	16 702	0.037	1 141
November, 2007	69.0	103 240	0 00026	26 983	0 059	1 785
December, 2007	69.0	38 590	0.00026	10.086	0.022	0.689
TOTAL - 2007						**7.190**

Table B.4

Estimated Gross VOC Mass Removal from Groundwater
300-GPM System
Pristine, Inc. Site
Reading, Ohio

	300-GPM System					
	Influent VOC (µg/L)	**Average Daily Volume (MGD)**	**Influent VOC (g/gallons)**	**Influent VOC (g/day)**	**Influent VOC (lb/day)**	**Influent VOC (lb/month)**
January, 2008	14 0	94.800	0.00005	5.027	0 011	0.344
February, 2008	14 0	96.078	0.00005	5 095	0.011	0.326
March, 2008	14 0	94 574	0 00005	5 015	0.011	0.343
April, 2008	115 4	90 524	0.00044	39 570	0.087	2.617
May, 2008	115.4	50 438	0.00044	22.047	0 049	1.507
June, 2008	115.4	86 241	0 00044	37.698	0.083	2 493
July, 2008	62.0	98 203	0.00023	23 063	0 051	1.576
August, 2008	62 0	97.427	0.00023	22 881	0.050	1 564
September, 2008	62.0	66.169	0 00023	15 540	0.034	1.028
October, 2008	40 0	97.017	0.00015	14 700	0.032	1.005
November, 2008	40.0	114 709	0 00015	17.380	0 038	1.150
December, 2008	40 0	127 073	0.00015	19.253	0 042	1.316
TOTAL - 2008						**15.267**
January, 2009	35 0	125.972	0 00013	16.701	0 037	1 141
February, 2009	35 0	124 338	0.00013	16 484	0.036	1 018
March, 2009	35 0	124 645	0.00013	16.525	0.036	1.129
April, 2009	19.0	66.657	0 00007	4.797	0 011	0.317
May, 2009	19.0	110.817	0 00007	7 975	0 018	0.545
June, 2009	19 0	127.458	0 00007	9 173	0 020	0.607
July, 2009	21 0	126 370	0.00008	10 052	0 022	0.687
August, 2009	21 0	125 745	0 00008	10 002	0 022	0 684
September, 2009	21.0	125 885	0 00008	10.014	0.022	0.662
October, 2009	16.0	123 153	0 00006	7.464	0 016	0 510
November, 2009	16.0	128.293	0.00006	7.775	0.017	0 514
December, 2009	16 0	118 298	0.00006	7 170	0 016	0 490
TOTAL - 2009						**8.305**

Table B.4

Estimated Gross VOC Mass Removal from Groundwater
300-GPM System
Pristine, Inc. Site
Reading, Ohio

	300-GPM System					
	Influent VOC (µg/L)	Average Daily Volume (MGD)	Influent VOC (g/gallons)	Influent VOC (g/day)	Influent VOC (lb/day)	Influent VOC (lb/month)
January, 2010	23 9	122 295	0.00009	11 071	0 024	0.757
February, 2010	23 9	124 356	0.00009	11 258	0 025	0 695
March, 2010	23 9	112.583	0 00009	10 192	0.022	0 697
April, 2010	16 7	65 822	0 00006	4.164	0.009	0.275
May, 2010	16 7	118 988	0.00006	7.527	0 017	0 514
June, 2010	16 7	121 792	0 00006	7 704	0 017	0 510
July, 2010	21 1	124 877	0.00008	9.981	0 022	0 682
August, 2010	21 1	118 580	0 00008	9 477	0 021	0.648
September, 2010	21 1	109 801	0 00008	8 776	0 019	0.580
October, 2010	18 3	127 764	0 00007	8.856	0 020	0 605
November, 2010	18 3	120 215	0 00007	8 333	0 018	0.551
December, 2010	18 3	125 229	0 00007	8.681	0 019	0.593
TOTAL - 2010						**7.107**
January, 2011	16 7	117 808	0.00006	7.447	0 016	0.509
February, 2011	16.7	127 580	0.00006	8 065	0.018	0 498
March, 2011	16 7	117 374	0.00006	7 420	0.016	0.507
April, 2011	21 6	126 528	0.00008	10 346	0.023	0.684
May, 2011	21 6	62 183	0.00008	5.084	0.011	0.347
June, 2011	--	--	--	--	--	--
July, 2011	--	--	--	--	--	--
August, 2011	--	--	--	--	--	--
September, 2011	--	--	--	--	--	--
October, 2011	--	--	--	--	--	--
November, 2011	--	--	--	--	--	--
December, 2011	--	--	--	--	--	--
TOTAL - 2011						**2.546**

Note:
MGD - thousands of gallons per day

Table B.5

Estimated Total VOC Mass Removal from Soil
Pristine, Inc. Site
Reading, Ohio

	Influent VOC [3] (mg/m^3)	Average Flow Rate (scfm)	Average Flow Rate (L/day)	Influent VOC (g/L)	Influent VOC (lb/day)	Influent VOC (lb/month)
1997 - ISVE Influent [1]						
October, 1997	15 66	1000	40,776,259	0 000016	1 408	43 641
November, 1997	15 66	1000	40,776,259	0 000016	1 408	42.233
December, 1997	15 66	1000	40,776,259	0 000016	1 408	43 641
ISVE INFLUENT TOTAL - 1997						**129.515**
1998 - ISVE Influent [1]						
January, 1998	15 66	1000	40,776,259	0 000016	1 408	43 641
February, 1998	15 66	1000	40,776,259	0 000016	1 408	39 418
March, 1998	13 58	1000	40,776,259	0 000014	1 221	37 845
April, 1998	13 58	1000	40,776,259	0 000014	1 221	36 624
May, 1998	13 58	1000	40,776,259	0 000014	1 221	37 845
June, 1998	13 58	1000	40,776,259	0 000014	1 221	36 624
July, 1998	13 58	1000	40,776,259	0 000014	1 221	37 845
August, 1998	13 58	1000	40,776,259	0 000014	1 221	37 845
September, 1998	13 58	1000	40,776,259	0 000014	1 221	36 624
October, 1998	13 58	1000	40,776,259	0 000014	1 221	37 845
November, 1998	13 58	1000	40,776,259	0 000014	1 221	36 624
December, 1998	13 58	1000	40,776,259	0 000014	1 221	37 845
ISVE INFLUENT TOTAL - 1998						**456.621**
1998 - Carbon Bypass System [2]						
January, 1998	--	--	--	--	--	--
February, 1998	--	--	--	--	--	--
March, 1998	312 15	200	8,155,252	0 000312	5 612	173 979
April, 1998	82 26	200	8,155,252	0 000082	1 479	44 369
May, 1998	50 09	200	8,155,252	0 000050	0 901	27 918
June, 1998	34 31	200	8,155,252	0 000034	0 617	18 506
July, 1998	0 18	200	8,155,252	0 000000	0 003	0 100
August, 1998	48 43	200	8,155,252	0 000048	0 871	26 993
September, 1998	6 79	200	8,155,252	0 000007	0 122	3 662
October, 1998	50 64	200	8,155,252	0 000051	0 910	28 225
November, 1998	101 58	200	8,155,252	0 000102	1 826	54 790
December, 1998	81 07	200	8,155,252	0 000081	1 458	45 185
CARBON BYPASS TOTAL - 1998						**423.727**
TOTAL -1998						**880.348**

Table B.5

Estimated Total VOC Mass Removal from Soil
Pristine, Inc. Site
Reading, Ohio

	Influent VOC [3] (mg/m^3)	Average Flow Rate (scfm)	Average Flow Rate (L/day)	Influent VOC (g/L)	Influent VOC (lb/day)	Influent VOC (lb/month)
1999 - ISVE Influent [1]						
January, 1999	5 1	1,000	40,776,259	0 0000051	0 458	14 213
February, 1999	5 1	1,000	40,776,259	0 0000051	0 458	12 837
March, 1999	1 04	1,000	40,776,259	0 0000010	0 093	2 898
April, 1999	2 74	1,000	40,776,259	0 0000027	0 246	7 389
May, 1999	2 74	1,000	40,776,259	0 0000027	0 246	7 636
June, 1999	0 795	1,000	40,776,259	0 0000008	0 071	2 144
July, 1999	0 795	1,000	40,776,259	0 0000008	0 071	2 215
August, 1999	0 795	1,000	40,776,259	0 0000008	0 071	2 215
September, 1999	0 795	1,000	40,776,259	0 0000008	0 071	2 144
October, 1999	0 795	1,000	40,776,259	0 0000008	0 071	2 215
November, 1999	0 795	1,000	40,776,259	0 0000008	0 071	2 144
December, 1999	0 795	1,000	40,776,259	0 0000008	0 071	2 215
ISVE INFLUENT TOTAL - 1999						**60.267**
1999 - Carbon Bypass System [2]						
January, 1999	22 95	200	8,155,252	0 000023	0 413	12 791
February, 1999	22 95	200	8,155,252	0 000023	0 413	11 553
March, 1999	0 02	200	8,155,252	0 00000002	0 0004	0 011
April, 1999	0 32	200	8,155,252	0 00000032	0 0058	0 173
May, 1999	0 32	200	8,155,252	0 00000032	0 0058	0 178
June, 1999	0 01	200	8,155,252	0 00000001	0 0002	0 005
CARBON BYPASS TOTAL - 1999						**24.712**
TOTAL -1999						**84.980**
2000 - ISVE Influent [1]						
January, 2000	0 987	1,000	40,776,259	0 0000010	0 089	2 751
February, 2000	0 987	1,000	40,776,259	0 0000010	0 089	2 573
March, 2000	0 987	1,000	40,776,259	0 0000010	0 089	2 751
April, 2000	6 380	1,000	40,776,259	0 0000064	0 574	17 206
May, 2000	6 380	1,000	40,776,259	0 0000064	0 574	17 780
June, 2000	2 313	1,000	40,776,259	0 0000023	0 208	6 238
July, 2000	2 313	1,000	40,776,259	0 0000023	0 208	6 446
August, 2000	2 313	1,000	40,776,259	0 0000023	0 208	6 446
September, 2000	2 313	1,000	40,776,259	0 0000023	0 208	6 238
October, 2000	2 313	1,000	40,776,259	0 0000023	0 208	6 446
November, 2000	2 313	1,000	40,776,259	0 0000023	0 208	6 238
December, 2000	4 352	1,000	40,776,259	0 0000044	0 391	12 128
TOTAL - 2000						**93.239**

Table B.5

Estimated Total VOC Mass Removal from Soil
Pristine, Inc. Site
Reading, Ohio

	Influent VOC [3] (mg/m^3)	Average Flow Rate (scfm)	Average Flow Rate (L/day)	Influent VOC (g/L)	Influent VOC (lb/day)	Influent VOC (lb/month)
2001 - ISVE Influent [1]						
January, 2001	3 601	1,000	40,776,259	0 0000036	0 324	10 035
February, 2001	3 601	1,000	40,776,259	0 0000036	0 324	9 064
March, 2001	3 601	1,000	40,776,259	0 0000036	0 324	10 035
April, 2001	3 305	1,000	40,776,259	0 0000033	0 297	8 913
May, 2001	3 305	1,000	40,776,259	0 0000033	0 297	9 210
June, 2001	0 101	1,000	40,776,259	0 0000001	0 009	0 272
July, 2001	0 101	1,000	40,776,259	0 0000001	0 009	0 281
August, 2001	7 250	1,000	40,776,259	0 0000073	0 652	20 204
September, 2001	7 250	1,000	40,776,259	0 0000073	0 652	19 552
October, 2001	3 830	1,000	40,776,259	0 0000038	0 344	10 673
November, 2001	3 830	1,000	40,776,259	0 0000038	0 344	10 329
December, 2001	3 830	1,000	40,776,259	0 0000038	0 344	10 673
TOTAL - 2001						**119.244**
2002 - ISVE Influent [1]						
January, 2002	4 436	1,000	40,776,259	0 0000044	0 399	12 362
February, 2002	4 436	1,000	40,776,259	0 0000044	0 399	11 166
March, 2002	4 436	1,000	40,776,259	0 0000044	0 399	12 362
April, 2002	3 227	1,000	40,776,259	0 0000032	0 290	8 703
May, 2002	3 227	1,000	40,776,259	0 0000032	0 290	8 993
June, 2002	3 227	1,000	40,776,259	0 0000032	0 290	8 703
July, 2002	1 724	1,000	40,776,259	0 0000017	0 155	4 804
August, 2002	1 724	1,000	40,776,259	0 0000017	0 155	4 804
September, 2002	1 724	1,000	40,776,259	0 0000017	0 155	4 649
October, 2002	2 805	1,000	40,776,259	0 0000028	0 252	7 817
November, 2002	2 805	1,000	40,776,259	0 0000028	0 252	7 565
December, 2002	2 805	1,000	40,776,259	0 0000028	0 252	7 817
TOTAL - 2002						**99.746**

Table B.5

Estimated Total VOC Mass Removal from Soil
Pristine, Inc. Site
Reading, Ohio

	Influent VOC [3] (mg/m^3)	Average Flow Rate (scfm)	Average Flow Rate (L/day)	Influent VOC (g/L)	Influent VOC (lb/day)	Influent VOC (lb/month)
2003 - ISVE Influent [1]						
January, 2003	1 280	1,000	40,776,259	0 0000013	0.115	3 568
February, 2003	1.280	1,000	40,776,259	0 0000013	0 115	3 223
March, 2003	1 280	1,000	40,776,259	0 0000013	0 115	3 568
April, 2003	5 894	1,000	40,776,259	0 0000059	0 530	15.895
May, 2003	5 894	1,000	40,776,259	0 0000059	0 530	16 425
June, 2003	5 894	1,000	40,776,259	0 0000059	0 530	15 895
July, 2003	1 036	1,000	40,776,259	0 0000010	0 093	2 886
August, 2003	1 036	1,000	40,776,259	0 0000010	0 093	2 886
September, 2003	1 036	1,000	40,776,259	0 0000010	0 093	2 793
October, 2003	1 296	1,000	40,776,259	0 0000013	0 117	3 612
November, 2003	1 296	1,000	40,776,259	0 0000013	0 117	3 495
December, 2003	1 296	1,000	40,776,259	0 0000013	0 117	3 612
TOTAL - 2003						**77.858**
2004 - ISVE Influent [1]						
January, 2004	1.421	1,000	40,776,259	0 0000014	0 128	3 960
February, 2004	1 421	1,000	40,776,259	0 0000014	0 128	3 705
March, 2004	1 421	1,000	40,776,259	0 0000014	0 128	3 960
April, 2004	1 897	1,000	40,776,259	0 0000019	0 171	5 116
May, 2004	1 897	1,000	40,776,259	0 0000019	0 171	5 287
June, 2004	1 897	1,000	40,776,259	0 0000019	0 171	5 116
July, 2004	0 914	1,000	40,776,259	0 0000009	0 082	2 547
August, 2004	0 914	1,000	40,776,259	0 0000009	0 082	2 547
September, 2004	0 914	1,000	40,776,259	0 0000009	0.082	2 465
October, 2004	1 138	1,000	40,776,259	0 0000011	0 102	3 171
November, 2004	1 138	1,000	40,776,259	0 0000011	0 102	3 069
December, 2004	1 138	1,000	40,776,259	0 0000011	0 102	3 171
TOTAL - 2004						**44.114**

Table B.5

Estimated Total VOC Mass Removal from Soil
Pristine, Inc. Site
Reading, Ohio

	Influent VOC [3] (mg/m^3)	Average Flow Rate (scfm)	Average Flow Rate (L/day)	Influent VOC (g/L)	Influent VOC (lb/day)	Influent VOC (lb/month)
2005 - ISVE Influent [1]						
January, 2005	1 746	1,000	40,776,259	0 0000017	0 157	4 866
February, 2005	1 746	1,000	40,776,259	0 0000017	0 157	4 395
March, 2005	1 746	1,000	40,776,259	0 0000017	0 157	4 866
April, 2005	0 916	1,000	40,776,259	0 0000009	0 082	2 470
May, 2005	0 916	1,000	40,776,259	0 0000009	0 082	2 553
June, 2005	0 916	1,000	40,776,259	0 0000009	0 082	2 470
July, 2005	0 601	1,000	40,776,259	0 0000006	0 054	1 675
August, 2005	0 601	1,000	40,776,259	0 0000006	0 054	1 675
September, 2005	0 601	1,000	40,776,259	0 0000006	0 054	1 621
October, 2005	1 178	1,000	40,776,259	0 0000012	0 106	3 283
November, 2005	1 178	1,000	40,776,259	0 0000012	0 106	3 177
December, 2005	1 178	1,000	40,776,259	0 0000012	0 106	3 283
TOTAL - 2005						**36.333**
2006 - ISVE Influent [1]						
January, 2006	0 780	1,000	40,776,259	0 0000008	0 070	2 174
February, 2006	0 780	1,000	40,776,259	0 0000008	0 070	1 963
March, 2006	0 780	1,000	40,776,259	0 0000008	0 070	2 174
April, 2006	0 185	1,000	40,776,259	0 0000002	0 017	0 499
May, 2006	0 185	1,000	40,776,259	0 0000002	0 017	0 516
June, 2006	0 185	1,000	40,776,259	0 0000002	0 017	0 499
July, 2006	0 300	1,000	40,776,259	0 0000003	0 027	0 836
August, 2006	0 300	1,000	40,776,259	0 0000003	0 027	0 836
September, 2006	0 300	1,000	40,776,259	0 0000003	0 027	0 809
October, 2006	0 234	1,000	40,776,259	0 0000002	0 021	0 652
November, 2006	0 234	1,000	40,776,259	0.0000002	0 021	0 631
December, 2006	0 234	1,000	40,776,259	0 0000002	0 021	0 652
TOTAL - 2006						**12.241**

Table B.5

Estimated Total VOC Mass Removal from Soil
Pristine, Inc. Site
Reading, Ohio

	Influent VOC [3] (mg/m^3)	Average Flow Rate (scfm)	Average Flow Rate (L/day)	Influent VOC (g/L)	Influent VOC (lb/day)	Influent VOC (lb/month)
2007- ISVE Influent [1]						
January, 2007	0 147	1,000	40,776,259	0 0000001	0 013	0 410
February, 2007	0 147	1,000	40,776,259	0 0000001	0 013	0 370
March, 2007	0 147	1,000	40,776,259	0 0000001	0 013	0 410
April, 2007	0 147	1,000	40,776,259	0 0000001	0 013	0 396
May, 2007	0 147	1,000	40,776,259	0 0000001	0 013	0 410
June, 2007	0 147	1,000	40,776,259	0 0000001	0 013	0 396
July, 2007	0 350	1,000	40,776,259	0 0000004	0 031	0 975
August, 2007	0 350	1,000	40,776,259	0 0000004	0 031	0 975
September, 2007	0 350	1,000	40,776,259	0 0000004	0 031	0 944
October, 2007	0 740	1,000	40,776,259	0 0000007	0 067	2 062
November, 2007	0 740	1,000	40,776,259	0 0000007	0 067	1 996
December, 2007	0 740	1,000	40,776,259	0 0000007	0 067	2 062
TOTAL - 2007						**11.407**
2008- ISVE Influent [1]						
January, 2008	0 158	1,000	40,776,259	0 0000002	0 014	0 440
February, 2008	0 158	1,000	40,776,259	0 0000002	0 014	0 412
March, 2008	0 158	1,000	40,776,259	0 0000002	0 014	0 440
April, 2008	0 274	1,000	40,776,259	0 0000003	0 025	0 739
May, 2008	0 274	1,000	40,776,259	0 0000003	0 025	0 764
June, 2008	0 274	1,000	40,776,259	0 0000003	0 025	0 739
July, 2008	1 171	1,000	40,776,259	0 0000012	0 105	3 263
August, 2008	1 171	1,000	40,776,259	0 0000012	0 105	3 263
September, 2008	1 171	1,000	40,776,259	0 0000012	0 105	3 158
October, 2008	1 015	1,000	40,776,259	0 0000010	0 091	2 829
November, 2008	1 015	1,000	40,776,259	0 0000010	0 091	2 737
December, 2008	1 015	1,000	40,776,259	0 0000010	0 091	2 829
TOTAL - 2008						**21.613**

Table B.5

Estimated Total VOC Mass Removal from Soil
Pristine, Inc. Site
Reading, Ohio

	Influent VOC [3] (mg/m^3)	Average Flow Rate (scfm)	Average Flow Rate (L/day)	Influent VOC (g/L)	Influent VOC (lb/day)	Influent VOC (lb/month)
2009- ISVE Influent [1]						
January, 2009	0 318	1,000	40,776,259	0 0000003	0 029	0 886
February, 2009	0 318	1,000	40,776,259	0 0000003	0 029	0 801
March, 2009	0 318	1,000	40,776,259	0 0000003	0 029	0 886
April, 2009	0 080	1,000	40,776,259	0 0000001	0 007	0 217
May, 2009	0.080	1,000	40,776,259	0 0000001	0 007	0 224
June, 2009	0 080	1,000	40,776,259	0 0000001	0 007	0 217
July, 2009	0 285	1,000	40,776,259	0 0000003	0 026	0 795
August, 2009	0 285	1,000	40,776,259	0 0000003	0 026	0 795
September, 2009	0 285	1,000	40,776,259	0 0000003	0 026	0 770
October, 2009	0 097	1,000	40,776,259	0 0000001	0 009	0 269
November, 2009[4]	0	0	0	0	0	0
December, 2009[4]	0	0	0	0	0	0
TOTAL - 2009						**5.860**
2010- ISVE Influent [4]	0	0	0	0	0	0
2011- ISVE Influent [4]	0	0	0	0	0	0
2012- ISVE Influent [4]	0	0	0	0	0	0
2013- ISVE Influent [4]	0	0	0	0	0	0
2014- ISVE Influent [4]	0	0	0	0	0	0
2015- ISVE Influent [4]	0	0	0	0	0	0
2016- ISVE Influent [4]	0	0	0	0	0	0

Notes
1 ISVE Influent is based on 1,000 scfm vapor stream and includes vapors from Zone A and Zone B
Note that vapors were not extracted from the Central and North branches of Zone A since June 2008
2 Carbon bypass system is based on 200 scfm vapor stream
3 Values from B 6 tables in previous annual reports (1997-2009)
4 No VOC removed ISVE system was shut off on October 26, 2009

Table B.6

Year 2016 Estimated VOC Mass Removal from Groundwater by Treatment System
Pristine, Inc. Site
Reading, Ohio

150-GPM System and GW108 [5]

	Delta VOC [2] (µg/L)	Average Daily Volume [3] (MGD)	Delta VOC (g/gallon)	Delta VOC (g/day)	Delta VOC (lb/day)	Delta VOC [4] (lb/month)
January	38 5	59 034	0 00015	8 603	0 019	0 588
February	38 5	59 375	0 00015	8 653	0 019	0 553
March	38 5	58 600	0 00015	8 540	0 019	0 584
April	43 5	58 535	0 00016	9 639	0 021	0 637
May [1]	43 5	45 681	0 00016	7 522	0 017	0 514
June	43 5	54 105	0 00016	8 909	0 020	0 589
July	34 5	54 139	0 00013	7 070	0 016	0 483
August	34 5	53 841	0 00013	7 032	0 016	0 481
September	34 5	53 921	0 00013	7 042	0 016	0 466
October	46 4	54 346	0 00018	9 545	0 021	0 652
November	46 4	55 764	0 00018	9 795	0 022	0 648
December [1]	46 4	57 685	0 00018	10 132	0 022	0 692
Total						**6.888**

300-GPM System [5]

	Delta VOC (µg/L)	Average Daily Volume (MGD)	Delta VOC (g/gallon)	Delta VOC (g/day)	Delta VOC (lb/day)	Delta VOC (lb/month)
January	--	--	--	--	--	--
February	--	--	--	--	--	--
March	--	--	--	--	--	--
April	--	--	--	--	--	--
May	--	--	--	--	--	--
June	--	--	--	--	--	--
July	--	--	--	--	--	--
August	--	--	--	--	--	--
September	--	--	--	--	--	--
October	--	--	--	--	--	--
November	--	--	--	--	--	--
December	--	--	--	--	--	--
Total						**0.000**

Table B.6

Year 2016 Estimated VOC Mass Removal from Groundwater by Treatment System
Pristine, Inc. Site
Reading, Ohio

2016 Estimated VOC Mass Removal From Groundwater

Month	(lb/day)	(lb/month)
January	0 019	0 588
February	0 019	0 553
March	0 019	0 584
April	0 021	0 637
May [1]	0 017	0 514
June	0 020	0 589
July	0 016	0 483
August	0 016	0 481
September	0 016	0 466
October	0 021	0 652
November	0 022	0 648
December [1]	0 022	0 692
Total		**6.888**

Notes

1 Treatment system down for annual maintenance activities during part of the month
2 Values from Table B 2
3 Average daily volume calculated from cumulative volumes recorded in weekly treatment plant reports and is presented in MGD units, which represent thousands of gallons per day See Table B 1
4 Sample calculation provided at end of Table B 6
5 Pumping groundwater from GW108 was redirected to the 150-GPM system in June 2011 and the 300-GPM system was shutdown on May 16, 2011 as part of flow reduction

Sample calculation based on 150-GPM system influent VOC for January 2016

38 5 µg/L * (1 g/1,000,000 µg) * (3 7854 L/ gal) = 0 00014574 g/gal

0 00014574 g/gal * (59 033527 thousands of gallons/day) * (1000 gal) = 8 603 g/day

8 603 g/day * (1 lb / 453 59237 g) = 0 0190 lb/day

1,830,039 gal/month * 0 00014574 g/gal * (1 lb / 453 59237 g) = 0 588 lb/month

Table B.7

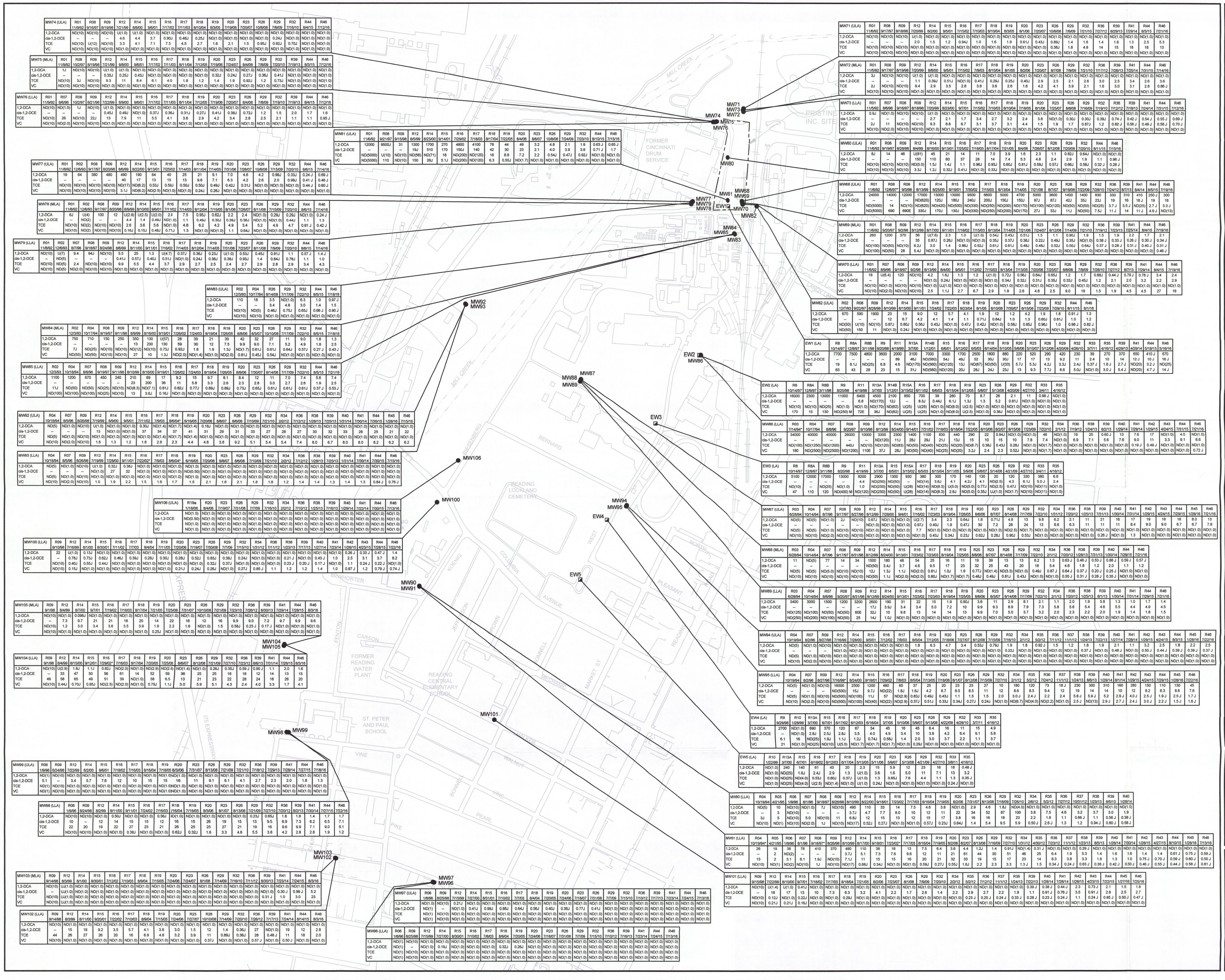
Summary of VOC Mass Removal (lb) from Groundwater and Soil
Pristine, Inc. Site
Reading, Ohio

YEAR	VOC Mass Removal (lb)							
	150-GPM System [1]	Gross - Groundwater [2]	300-GPM System [1]	Gross - Groundwater [2]	ISVE System [3]	Gross - Soil [3]	System Total	Gross - GW and Soil
1997	294 7	298 2	NA	NA	129 5	129 5	424 2	427 7
1998	4571 4	4618 3	17 6	18 4	880 3	880 3	5469 3	5517 0
1999	3369 1	3475 4	524 6	540 1	85 0	85 0	3978 7	4100 5
2000	1566 9	1589 9	689 3	705 9	93 2	93 2	2349 4	2389 0
2001	859 2	867 8	348 7	353 0	119 2	119 2	1327 1	1340 1
2002	412 9	417 8	102 1	104 6	99 7	99 7	614 7	622 1
2003	235 7	244 7	67 5	69 7	77 9	77 9	381 1	392 2
2004	194 4	198 6	42 9	45 3	44 1	44 1	281 4	288 1
2005	125 1	128 0	26 6	28 8	36 3	36 3	188 0	193 1
2006	69 6	70 5	7 7	8 7	12 2	12 2	89 5	91 5
2007	44 5	46 5	6 5	7 2	11 4	11 4	62 4	65 1
2008 [4,5]	41 8	44 2	13 8	15 3	21 6	21 6	77 2	81 1
2009 [6]	18 1	19 5	7 2	8 3	5 9	5 9	31 2	33 7
2010 [6]	16 1	16 8	6 0	7 1	0 0	0 0	22 1	23 9
2011 [7]	13 4	14 0	2 2	2 5	0 0	0 0	15 6	16 6
2012	14 9	15 4	0 0	0 0	0 0	0 0	14 9	15 4
2013	9 9	10 5	0 0	0 0	0 0	0 0	9 9	10 5
2014	9 1	9 5	0 0	0 0	0 0	0 0	9 1	9 5
2015	9 3	9 8	0 0	0 0	0 0	0 0	9 3	9 8
2016	6 9	7 4	0 0	0 0	0 0	0 0	6 9	7 4
Total (lb) To Date	**11,883.0**	**12,102.8**	**1,862.7**	**1,915.0**	**1,616.5**	**1,616.5**	**15,362.2**	**15,634.3**

Notes
1 Calculation of VOC mass removal is presented in Table B 6 and is based on using the delta total VOC concentrations from Table B 2
2 Calculation of VOC mass removal is presented in Table B 1 and is based on using the influent total VOC concentrations from Table B 2
3 Calculation of VOC mass removals from previous annual reports are presented in Tables B 5
4 Pumping groundwater from GW108 began in April 2008 at approximately 4 gpm The groundwater was transferred to the 300-GPM system thru May 2011
5 EW-3 was shut off and EW-5 pumping rate was increased by approximately 25 gpm on November 11, 2008
The ISVE system was reconfigured to draw vapors from Zone B and the South branch of Zone A only in June 2008
6 ISVE system was shut off on October 26, 2009
7 Groundwater from GW108 was re-conveyed to the 150-GPM system as of June 2011 after shutting down 300-GPM system on May 16, 2011
at the beginning of a planned maintenance period

Appendix C

Figure-Concentrations of 1,2-DCA, TCE, cis-1,2-DCE and VC at Lower Aquifer Wells



0 150 300 ft

LEGEND

MW82 ●	MONITORING WELL LOCATION
EW3 ◪	EXTRACTION WELL LOCATION
	SAMPLE LOCATION (AQUIFER)
	ROUND NUMBER
	SAMPLE DATE
	CONCENTRATION (µg/L)
	PARAMETER
J	ESTIMATED VALUE
ND	NOT DETECTED AT THE QUANTITATION LIMIT LISTED IN PARENTHESES
U	THE MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE ASSOCIATED NUMERICAL VALUE IS THE SAMPLE QUANTITATION LIMIT.
E	ESTIMATED RESULT, RESULT EXCEEDS INSTRUMENT CALIBRATION RANGE
M	MATRIX INTERFERENCE HAS RESULTED IN AN ELEVATED QUANTITATION LIMIT OR DISTORTED QC RESULT
*	SAMPLED ON MULTIPLE DATES

Legend example:

MW83 (ULA)	R2	R4
	12/3/93	10/17/94
1,2-DCA	110	18
cis-1,2-DCE	–	–
TCE	ND(10)	ND(5)
VC	ND(10)	ND(10)

NOTES:

1. DUPLICATE SAMPLES NOT SHOWN.
2. ONLY ONE SAMPLE SHOWN PER ROUND IN THE CASE OF MULTIPLE SAMPLES.
3. GENERALLY, SAMPLING ROUND LABELS FOR EW WELLS WERE ASSIGNED BASED ON DATES CLOSEST TO LOWER AQUIFER MONITORING WELL SAMPLING ROUND DATES.
4. NOT ALL SAMPLING ROUNDS SHOWN.

PRISTINE, INC. SITE
READING, OHIO

CONCENTRATIONS OF 1,2-DCA, TCE, CIS-1,2-DCE, AND VC AT LOWER AQUIFER WELLS

GHD

Source Reference: CAGIS		
Project Manager: H.C.	Reviewed By: R.H.	Date: FEBRUARY 2017
Scale: AS SHOWN	Project №: 03250-02	Report №: 090 / Drawing №: figure C.1

03250-02(090)GN-WA010 FEB 21, 2017

Appendix D
Summary of Operation & Maintenance Sampling and Analysis & Discharge Authorization Letter

TABLE 2
QUARTERLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect monitoring/piezometers/soil gas probes Ensure all soil gas probes are visible	All OK	2/9/16	1310
Task 2	ISVE System Maintenance	Change compressor air filters quarterly Change duel inline filters for air dryers in May & December Change oil in compressors every 6 months starting at summer shutdown Use only synthetic oil supplied by champion	Completed	2/10/16	1530
Task 3	Extraction Well Maintenance	Check pumps for unusual knocks or vibrations Inspect electrical controls/supply/amperage draw Inspect chambers for water accumulation / line-valve leakage Cycle extraction wells EW2 & EW4 on for 1 hour N/A	All OK	3/29/16	1540
Task 4	Treatment System Monitoring	Check HVAC exhaust fans for proper operation Inspect fire extinguishers and smoke alarms - completed by Cintas 3/4/16 Inspect lighting, electrical systems and power cords Inspect sump pit grating Verify general operations of main building sump pumps Remove and clean in-line strainers	All OK	3/25/16	1440
Task 5	Material Storage	Visually inspect used oil tank to check for spillage and determine whether tank needs to be emptied	2/3rds full. All OK	2/9/16	1330
Task 6	Equipment Inspection	Inspect spill containment material at north mandoor area Inspect broom and shovel at roll off area Confirm presence of air horn at main mandoor and north mandoor	All OK	2/9/16	1300

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CPA 3250 TBLs-O&M

2016/03/30 18:43 #222-P.001/002

#222 P.002/002

TABLE 2
QUARTERLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	QS#	Location	Measurement	Method	Trench Branch	Notes	Date Completed
Task 7	ISVE System Monitoring		Gas Probes (SG-66 locations)	Vacuum	Portable Vacuum Gauge		(see attached sheet)	
		N/A	Gas Probes	Soil Temperatures	Temperature Probe			
			Air injection wells (AIW 1-7)	Pressure	In-line pressure gauge			
			Vapor collection piping (6)	Vacuum ("H_2O)	In-line vacuum gauge		VS-1 VS-2 VS-3	
						south:		
						north:		
		N/A	Vapor collection piping (at vacuum headers and wells) (6)	Flow rate (FPM)	In-line velocity meter	south:		
						north:		
			Vapor collection piping (at vacuum headers and wells) (6)	VOC	Portable Instrument (PID)	south:		
						north:		
Task 8	Equipment Inspection	N/A	Ladder Inspection	Inspect for wear	Visual		All OK	2/9/16 1245
			Extension Cords Inspection	Inspect for wear	Visual			
Task 9	Fire Protection	N/A	Portable Fire Extinguisher	Check Pressure Monthly	Visual		completed by Cintas (Annual)	3/4/16 1215
Task 10	Fire Protection	N/A	Sprinkler System	Take Pressure Reading Monthly	In-Line Pressure Gauge 65-70 psi.		Verbal Alarm sounded and confirmed at Alarm display	3/29/16 1640
				Open Drain Quarterly	Valve			
Task 11	Alarm System	N/A	ADT Control Panel	Test System	Trigger all alarms		All OK	3/29/16 1630

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2016/03/30 18:44

#218 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	3/26/16	164
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	3/26/16	163
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	3/26/16	154
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housing, will monitor for repair All others OK	3/26/16	164

Notes:
Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent
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2016/03/28 09:16

2016/03/28 09:51

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	3/26/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33014848 @ 1540	3/26/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7135171 @ 1540	3/26/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		3/26/16
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 32.7 EW2- off EW3- ↓ EW4- EW5-	3/26/16
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	3/26/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Reliefs~~ drums for Leaks	Visual Inspection	All OK	3/26/16
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	3/26/16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	3/26/16

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Operator Signature [signature]
Robert Robertson

#221 P.001/001

2016/03/19 15:56

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	3/19/16 1500
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	Zone B compressor down Parts are ordered for unit Zone A OK	3/19/16 1450
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	3/19/16 1410
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at filter housings All others OK	3/19/16 1520

Notes:
Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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#212 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	3/19/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 3301417.6 @ 1405	3/19/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 735003 @ 1405	3/19/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks (including piping) Inspect carbon vessels		All OK		3/19/16	1455
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.2 EW2- off EW3- ↓ EW4- EW5-	3/19/16	1515
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	3/19/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Reliloff~~ Drums for Leaks	Visual Inspection	All OK	3/19/16	1400
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	3/19/16	1510
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	3/19/16	1513

1. Attach Field Data Record
2. Copy Project Manager
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Operator Signature [signature]
Robert Robertson

#211-P.001/001
2016/03/19 15:55

#209 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	3/12/16	143
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	Zone B compressor down due to bad starter. All others OK	3/12/16	1421
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	3/12/16	135
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Drip at Filter housings All others OK	3/12/16	144.

Notes:

Inspection frequencies may be revised based on field conditions

2016/03/12 16:35

* This activity is seasonal dependent

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3. Field File

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	3/12/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33013340 @ 1345	3/12/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7134794 @ 1345	3/12/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		3/12/16	142
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.1 EW2- OFF EW3- ↓ EW4- EW5-	3/12/16	144
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	3/12/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All OK	3/12/16	134
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	3/12/16	143
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	3/12/16	143

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Operator Signature [signature]
Robert Robertson

#210-P.001/001
2016/03/12 16:36
003250-INTERNALFORMS-TBL1

#206 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	3/5/16 1510
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	3/5/16 1500
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	3/5/16 1410
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at Filter housings All others OK	3/5/16 1525

Notes:

Inspection frequencies may be revised based on field conditions

2016/03/05 17:21

* This activity is seasonal dependent
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3. Field File

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	3/5/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33012950 @ 1405	3/5/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7134697 @ 1405	3/5/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		3/5/16	150
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.2 EW2- off EW3- ↓ EW4- EW5-	3/5/16	152
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	3/5/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	All OK	3/5/16	1400
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	3/5/16	1515
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	3/5/16	1515

1. Attach Field Data Record
2. Copy Project Manager
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Operator Signature [signature]
Robert Robertson

#207 P.001/001
2016/03/05 17:22

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	2/27/16 1540
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	2/27/16 1530
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	2/27/16 1348
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Drip at Cartridge filter housing. All others OK	2/27/16 1555

Notes:
Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent
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#204 P.001/001
2016/02/27 17:35
03250-INTERNALFORMS-TBL1

2016/02/27 17:36

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	2/27/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33012622 @ 1342	2/27/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7134542 @ 1342	2/27/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		2/27/16	153
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.3 EW2- off EW3- ↓ EW4- EW5-	2/27/16	155
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	2/27/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Roll off~~ drums for Leaks	Visual Inspection	All OK	2/27/16	134
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	2/27/16	154
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & inspect Container	Visual Inspection	All OK	2/27/16	

1. Attach Field Data Record
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Operator Signature _____
Robert Robertson

#205 P.001/001

#202-P. 001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	2/20/16	1435
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	zone A comp. malfunction, shutdown All others OK	2/20/16	1420
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	2/20/16	1335
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Drip at FFT #2 seal Drip at C.F. housings All others OK	2/20/16	1455

Notes:
Inspection frequencies may be revised based on field conditions

2016/02/20 17:16

* This activity is seasonal dependent
1. Attach Field Data Record
2. Copy Project Manager
3. Field File

2016/02/20 17:17 #203 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	2/20/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 3301150 @ 1330	2/20/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7134248 @ 1330	2/20/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks (including piping) Inspect carbon vessels		All OK		2/20/16	1430
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.3 EW2- off EW3- ↓ EW4- EW5-	2/20/16	1450
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	2/20/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Roll off~~ Drums for Leaks	Visual Inspection	All OK	2/20/16	1325
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	2/20/16	1440
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	2/20/16	1430

1. Attach Field Data Record
2. Copy Project Manager
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Operator Signature [signature]
Robert Robertson

#198 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	2/13/16	161
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	System off. Had to turn on.	2/13/16	1600
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	2/13/16	153
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	All OK	2/13/16	1625

Notes:

Inspection frequencies may be revised based on field conditions

2016/02/13 19:09

* This activity is seasonal dependent

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2016/02/13 19:11

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	2/13/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33010966 @ 1525	2/13/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7134202 @ 1525	2/13/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks (including piping) Inspect carbon vessels			All OK	2/13/16 16
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.5 EW2- off EW3- ↓ EW4- EW5-	2/13/16 16
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	2/13/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Roliaff~~ Drums for Leaks	Visual Inspection	All OK	2/13/16 15
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	2/13/16 16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & inspect Container	Visual Inspection	All OK	2/13/16

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Robert Robertson

#199 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	2/6/16 1610
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	2/6/16 1600
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	2/6/16 1515
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housing All others OK	2/6/16 1625

Notes:
Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

1. Attach Field Data Record
2. Copy Project Manager
3. Field File

#195-P.001/001
2016/02/06 18:41

2016/02/06 18:43 #196 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	2/6/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33010521 @ 1515	2/6/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7133990 @ 1515	2/6/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		2/6/16
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.5 EW2- off EW3- ↓ EW4- EW5-	2/6/16
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	2/6/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff-for Leaks Drums	Visual Inspection	All OK	2/6/16
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	2/6/16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	2/6/16

1. Attach Field Data Record
2. Copy Project Manager
3. Field File

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Robert Robertson

#190-P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	1/30/16	1541
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	1/30/16	153
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	1/30/16	144
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Drip at filter housings All others OK	1/30/16	1600

Notes:
Inspection frequencies may be revised based on field conditions

2016/01/30 17:34

* This activity is seasonal dependent
1. Attach Field Data Record
2. Copy Project Manager
3. Field File

2016/01/30 17:35

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	1/30/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33010079 @ 1440	1/30/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7133981 @ 1440	1/30/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		1/30/16
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.6 EW2- off EW3- ↓ EW4- EW5-	1/30/16
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	1/30/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	All OK	1/30/16
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	1/30/16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	1/30/16

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Robert Robertson

#191 P.001/001

#186 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	1/23/16 1422
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	1/23/16 1415
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	1/23/16 1245
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Drip at flange & filter housings All others OK	1/23/16 1441

Notes:
Inspection frequencies may be revised based on field conditions

2016/01/23 16:45

* This activity is seasonal dependent
1. Attach Field Data Record
2. Copy Project Manager
3. Field File

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250.

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	1/23/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33009284 @ 1243	1/23/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7133682 @ 1243	1/23/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		1/23/16	142
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.8 EW2- off EW3- ↓ EW4- EW5-	1/23/16	143
Task 9.	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	1/23/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	All OK	1/23/16	1240
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	1/23/16	143
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	1/23/16	143

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2. Copy Project Manager
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#187 P.001/001
2016/01/23 16:47

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	1/16/16 1142
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	1/16/16 1412
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	1/16/16 1321
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at E/A tank and A/S flange. All others OK	1/16/16 1435

Notes:
Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent
1. Attach Field Data Record
2. Copy Project Manager
3. Field File

#183_P.001/001
2016/01/16 16:22
003250-INTERNALFORMS-TBL1

2016/01/16 16:23

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	1/16/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33008501 @ 1320	1/16/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7133487 @ 1320	1/16/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		1/16/16	141
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.9 EW2- off EW3- ↓ EW4- EW5-	1/16/16	143
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	1/16/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Roll off~~ Drums for Leaks	Visual Inspection	All OK	1/16/16	131
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	1/16/16	142
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	1/16/16	184

1. Attach Field Data Record
2. Copy Project Manager
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Operator Signature _____
Robert Robertson

#184 P.001/001

Pristine Water Levels Job# 003250

Completed By: A. Schwartz/ K. Nugent **Date Completed: 01/12/16**

Well I.D.	DTW	Well I.D.	DTW	Well I.D.	DTW
EW1	52.80	MW68	41.64	PZ1S	41.06
EW2	25.89	MW69	40.92	PZ1D	41.20
EW3	25.42	MW70	41.12	PZ2	26.65
EW4	25.96	MW71	21.98	PZ3	27.69
EW5	25.42	MW72	21.95	PZ4	28.43
GW45	Dry	MW73	22.05	PZ5	29.46
GW46	14.98	MW74	27.35	PZ6	27.59
GW47	40.17	MW75	28.20	PZ7D	27.74
GW50	16.64	MW76	27.43	PZ7S	27.62
GW51	16.52	MW77	20.97		
GW53	10.40	MW78	20.77		
GW54	Dry	MW79	20.85		
GW55	29.39	MW80	39.81		
GW56	36.28	MW81	38.94		
GW59	10.27	MW82	42.44		
GW60A	9.71	MW83	38.87		
GW62	4.65	MW84	38.26		
GW63	34.46	MW85	39.35		
GW64	9.74	MW86	27.88		
GW65	36.09	MW87	28.49		
GW66	8.58	MW88	28.09		
GW108	44.50	MW89	27.99		
GW109	43.33	MW90	Abandoned		
GW-P1	11.29	MW91	13.60		
GW-P2	19.97	MW92	17.69		
GW-P3	23.76	MW93	17.61		
GW-P4	*	MW94	28.41		
GW-P5	6.16	MW95	28.49		
GW-P6	26.10	MW96	28.60		
GW-P7	Dry	MW97	28.42		
GW-P8	16.71	MW98	21.62		
GW-P9	20.07	MW99	21.50		
		MW100	13.12		
H-218	31.46	MW101	31.02		
H-219	26.11	MW102	23.25		
H-220	31.50	MW103	23.92		
H-221	18.23	MW104	23.67		
H-222	18.31	MW105	23.49		
H-223	19.64	MW106	12.82		
H-224	26.42	MW107	13.96		

* Could not find because of snow and ice on ground

2016/01/09 14:19 #175 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	1/9/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33007511 @ 0950	1/9/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7133239 @ 0950	1/9/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks (including piping) Inspect carbon vessels		All OK		1/9/16 1035
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.9 EW2- off EW3- ↓ EW4- EW5-	1/9/16 1055
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	1/9/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Roll off~~ Drums for Leaks	Visual Inspection	No Leaks	1/9/16 0945
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	1/9/16 1045
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	1/9/16 1100

1. Attach Field Data Record
2. Copy Project Manager
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Operator Signature _____
Robert Robertson

#176 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	1/9/16 1040
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	1/9/16 1030
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	1/9/16 0950
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at A/S flange & filter housings. All others OK	1/9/16 1050

Notes:
Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent
1. Attach Field Data Record
2. Copy Project Manager
3. Field File

2016/01/09 14:20

2016/01/15 14:51

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	1/2/16 162'
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	1/2/16 161'
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	1/2/16 156
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	All OK	1/2/16 16'

Notes:
Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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#182 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	1/2/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33006935 @ 1455	1/2/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7133095 @ 1455	1/2/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks (including piping) Inspect carbon vessels		All OK		1/2/16	1620
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 38.8 EW2- off EW3- ↓ EW4- EW5-	1/2/16	1630
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	1/2/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	No leaks	1/2/16	1450
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	1/2/16	1631
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	1/2/16	1635

1. Attach Field Data Record
2. Copy Project Manager
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Operator Signature [signature]
Robert Robertson

#223 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	4/2/16 1515
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	Added oil to zone B compressor. All others OK	4/2/16 1505
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	4/2/16 1420
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housings, will monitor for repairs All others OK	4/2/16 1530

Notes:
Inspection frequencies may be revised based on field conditions

2016/04/02 16:24

* This activity is seasonal dependent
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2016/04/02 16:25

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	4/2/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33015269 @ 1415	4/2/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7135256 @ 1415	4/2/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks (including piping) Inspect carbon vessels		All OK		4/2/16	1516
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1-38.0 EW2- " " EW3- ↓ EW4- EW5- ↓	4/2/16	1525
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	4/2/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	NO Leaks	4/2/16	1412
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	4/2/16	152
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	4/2/16	1524

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Operator Signature [signature]
Robert Robertson

#224 P.001/001

2016/04/09 16:56

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	4/9/16 1631
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	4/9/16 1621
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	4/9/16 1450
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at filter housings for cartridges, will monitor for repairs All others OK	4/9/16 1642

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2. Copy Project Manager
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#226 P.001/001

#227 P.001/001

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	4/9/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33015894 @ 1445	4/9/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7135432 @ 1445	4/9/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		4/9/16	162:
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 37.8 EW2- off EW3- ↓ EW4- ↓ EW5- ↓	4/9/16	164[illegible]
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	4/9/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All OK	4/9/16	144[illegible]
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	4/9/16	163[illegible]
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	4/9/16	163

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Operator Signature [signature]
Robert Robertson

2016/04/09 16:57

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	*Program Description*	*Item/Description*	*Notes*	*Date Completed*
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All ok	4/16/16 1130
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All ok	4/16/16 1145
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All ok	4/16/16 1200
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	~~Drip repair during the week~~ small drip in CF housing All other ok.	4/16/16 1120

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	4/16/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33016199 @ 1135	4/16/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7125162 @ 1135	4/16/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All ok		4/16/16 1139
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 37.49 @ 1135 EW2- off EW3- ↓ EW4- EW5-	4/16/16 1135
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	4/16/16 1142
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All ok	4/16/16 1125
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All ok	4/16/16 1138
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All ok	4/16/16 1128

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2016/04/23 16:38

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	*Program Description*	*Item/Description*	*Notes*	*Date Completed*
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	4/23/16 1608
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	4/23/16 1558
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	4/23/16 1510
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at cartridge filter housing, will monitor for repairs. All others OK	4/23/16 1623

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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#231 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	*Program Description*	*Location*	*Measurement*	*Method*	*Reading*	*Date Completed*	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	4/23/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33016720 @ 1507	4/23/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7135640 @ 1507	4/23/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels			All OK	4/23/16	1602
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 37.6 EW2- off EW3- ↓ EW4- EW5-	4/23/16	1621
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	4/23/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	All OK no Leaks	4/23/16	1504
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	4/23/16	1615
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	4/23/16	1620

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Operator Signature [signature]
Robert Robertson

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#233 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	4/30/16 1710
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	Found one controller in zone A malfunctioning. Isolated unit. To be repaired on 5-2-16 All others OK	4/30/16 1700
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	4/30/16 1615
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housings. well monitor for repairs. All others OK	4/30/16 1717

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/04/30 18:34

#233 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	4/30/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33017258 @ 1610	4/30/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7135874 @ 1610	4/30/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		4/30/16	1705
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 32.7 EW2- off EW3- ↓ EW4- EW5-	4/30/16	
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	4/30/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All OK	4/30/16	1607
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	4/30/16	1713
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	4/30/16	1715

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Robert Robertson

2016/04/30 18:33

#234P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	5/7/16 1500
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	zone A down, will be repaired on 5/9/16 All others OK	5/7/16 1450
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	5/7/16 1410
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housings. will monitor for repairs All others OK	5/7/16 1514

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/05/07 16:00

#234 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	5/7/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33017066 @ 1408	5/7/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7135726 @ 1408	5/7/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		5/7/16 1455
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 37.5 EW2- off EW3- ↓ EW4- EW5-	5/7/16 1512
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	5/7/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	All OK	5/7/16 1406
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	5/7/16 1505
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	5/7/16 1510

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Robert Robertson

2016/05/07 16:00

#2367P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	5/14/16 1805
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure ganges, valves and meters for leaks and proper operation	All OK	5/14/16 1750
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	5/14/16 1710
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at filter housings. Will monitor for repairs. All others OK	5/14/16 1820

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/05/14 9:18:57

#236 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
sk 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	5/14/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33017572 @ 1706	5/14/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7135852 @ 1706	5/14/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		5/14/16 1800
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 37.7 EW2- off EW3- EW4- EW5- ↓	5/14/16 1817
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	5/14/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	NO LeaKS	5/14/16 1704
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	5/14/16 1810
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	5/14/16 1815

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Robert Robertson

2016/05/14 18:58

#237 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	5/20/16 1550
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	system down for annual maint.	5/20/16
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	↓ ↓	5/20/16
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	All OK	5/20/16 1635

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/05/20 17:50

2016/05/20 17:50 #237 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	5/20/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - system down	5/20/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - ↓ ↓	5/20/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		5/20/16	1545
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- off EW2- ↓ EW3- EW4- EW5- system down	5/20/16	
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	5/20/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	no Leaks	5/20/16	1605
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	5/20/16	1630
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	5/20/16	1632

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Robert Robertson

#241-P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	5/28/16	1510
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	5/28/16	1500
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	5/28/16	1435
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at Cartridge Filter housing, will monitor. Small drip at Air stripper will schedule for repair at future date All others OK	5/28/16	1525

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/05/28 16:13

#241 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	5/28/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33019209 @ 1428	5/28/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7136261 @ 1428	5/28/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		5/28/16	1505
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 43.0 EW2- off EW3- ↓ EW4- EW5-	5/28/16	1521
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	5/28/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks Drum 5	Visual Inspection	All OK	5/28/16	1423
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	5/28/16	1515
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	5/28/16	1518

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2016/05/28 16:14

#242 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	6/4/16 1500
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	Complete	6/4/16 1450
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	Complete	6/4/16 1425
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housings will monitor for repairs All others OK	6/4/16

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/06/04 16:04

#242-P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	6/4/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33019891 @ 1422	6/4/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7136431 @ 1422	6/4/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		6/4/16	1455
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1-42.8 EW2- off EW3- EW4- EW5-	6/4/16	1520
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	6/4/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	All OK	6/4/16	1420
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	6/4/16	1510
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	6/4/16	1515

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2016/06/04 16:04

#244 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	6/11/16 1510
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	Complete	6/11/16 1500
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	6/11/16 1410
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at filter housings. All others OK	6/11/16 1530

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/06/11 16:13

2016/06/11 16:13 #244 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	6/11/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33020280 @ 1407	6/11/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7136528 @ 1407	6/11/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		6/11/16	1505
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 43.1 EW2- off EW3- ↓ EW4- ↓ EW5- ↓	6/11/16	1525
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	6/11/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	No Leaks	6/11/16	1404
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	6/11/16	1520
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	6/11/16	1524

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#247 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	6/18/16 1415
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	6/18/16 1405
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	6/18/16 1335
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at Filterhousings, will monitor for repairs. All others OK	6/18/16 1432

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/06/18 15:18

2016/06/18 15:18 #247 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	6/18/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33020535 @ 1330	6/18/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7136592 @ 1330	6/18/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		6/18/16	1410
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 413.1 EW2- off EW3- ↓ EW4- EW5-	6/18/16	1430
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	6/18/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All OK	6/18/16	1327
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	6/18/16	1420
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	6/18/16	1425

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#250 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	6/25/16 1615
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	6/25/16 1603
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	No Leaks or damage	6/25/16 1525
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housing will monitor for repairs All others OK	6/25/16 1628

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/06/25 17:12

#250 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	6/25/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33028101 @ 1520	6/25/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7138841 @ 1520	6/25/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		6/25/16	1610
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 42.9 EW2- off EW3- ↓ EW4- EW5-	6/25/16	1625
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	6/25/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All OK	6/25/16	1515
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	6/25/16	1620
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	6/25/16	1623

2016/06/25 17:13

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TABLE 2
QUARTERLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

No.	Program Description	Item/Description	Notes	Date Completed	
k 1	Cap System Maintenance	Inspect monitoring/piezometers/soil gas probes Ensure all soil gas probes are visible	All OK	6/30/16	0832
k 2	ISVE System Maintenance	Change compressor air filters quarterly Change duel inline filters for air dryers in May & December Change oil in compressors every 6 months starting at summer shutdown Use only synthetic oil supplied by champion	Complete	5/17/16	1345
sk 3	Extraction Well Maintenance	Check pumps for unusual knocks or vibrations Inspect electrical controls/supply/amperage draw Inspect chambers for water accumulation / line-valve leakage Cycle extraction wells EW2 & EW4 on for 1 hour	All OK	5/19/16	1100
sk 4	Treatment System Monitoring	Check HVAC exhaust fans for proper operation Inspect fire extinguishers and smoke alarms Inspect lighting, electrical systems and power cords Inspect sump pit grating Verify general operations of main building sump pumps Remove and clean in-line strainers	All OK	6/27/16	145
isk 5	Material Storage	Visually inspect used oil tank to check for spillage and determine whether tank needs to be emptied	3/4 full, will call to get emptied	6/30/16	092
isk 6	Equipment Inspection	Inspect spill containment material at north mandoor area Inspect broom and shovel at roll off area Confirm presence of air horn at main mandoor and north mandoor	All OK	6/30/16	091

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TBL2-O&M

2016/06/30 17:52 #252 P.001/002

TABLE 2
QUARTERLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

#No.	Program Description	QS#	Location	Measurement	Method	Trench Branch	Notes	Date Completed
sk 7	ISVE System Monitoring		Gas Probes (SG-66 locations)	Vacuum	Portable Vacuum Gauge		(see attached sheet)	
		N/A	Gas Probes	Soil Temperatures	Temperature Probe			
			Air injection wells (AIW 1-7)	Pressure	In-line pressure gauge			
			Vapor collection piping (6)	Vacuum ("H_2O)	In-line vacuum gauge		VS-1 / VS-2 / VS-3	
						south:		
						north:		
		N/A	Vapor collection piping (at vacuum headers and wells) (6)	Flow rate (FPM)	In-line velocity meter	south:		
						north:		
			Vapor collection piping (at vacuum headers and wells) (6)	VOC	Portable Instrument (PID)	south:		
						north:		
sk 8	Equipment Inspection	N/A	Ladder Inspection	Inspect for wear	Visual		All OK	6/15/16 1515
			Extension Cords Inspection	Inspect for wear	Visual			
sk 9	Fire Protection	N/A	Portable Fire Extinguisher	Check Pressure Monthly	Visual		OK	6/27/16 1450
sk 10	Fire Protection	N/A	Sprinkler System	Take Pressure Reading Monthly	In-Line Pressure Gauge 65/72 psi		OK	6/28/16 1645
				Open Drain Quarterly	Valve			
sk 11	Alarm System	N/A	ADT Control Panel	Test System	Trigger all alarms		All OK	6/28/16 1650

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CRA 3250TBL2-O&M

2016/06/30 17:52 #252 P.002/002

Pristine Water Levels Job# 003250

Completed By: A. Schwartz/ Rob Robertson **Date Completed: 07/01/16**

Well I.D.	DTW	Well I.D.	DTW	Well I.D.	DTW
EW1	38.82	MW68	41.10	PZ1S	41.43
EW2	26.25	MW69	41.36	PZ1D	41.98
EW3	26.1	MW70	41.52	PZ2	27.22
EW4	26.01	MW71	22.61	PZ3	27.83
EW5	25.25	MW72	22.67	PZ4	28.66
GW45	Dry	MW73	22.32	PZ5	29.65
GW46	16.84	MW74	28.02	PZ6	27.72
GW47	40.61	MW75	28.90	PZ7D	27.92
GW50	18.31	MW76	28.08	PZ7S	27.91
GW51	18.61	MW77	21.90		
GW53	12.36	MW78	21.44		
GW54	Broken Riser	MW79	21.56		
GW55	29.71	MW80	40.29		
GW56	36.95	MW81	39.75		
GW59	13.76	MW82	43.02		
GW60A	14.01	MW83	39.34		
GW62	Dry	MW84	39.81		
GW63	35.42	MW85	39.85		
GW64	10.61	MW86	28.06		
GW65	36.55	MW87	28.27		
GW66	10.15	MW88	28.30		
GW108	45.52	MW89	28.18		
GW109	47.00	MW90	Abandoned		
GW-P1	13.88	MW91	13.79		
GW-P2	22.05	MW92	18.32		
GW-P3	21.98	MW93	18.26		
GW-P4	20.54	MW94	28.64		
GW-P5	16.84	MW95	28.67		
GW-P6	27.2	MW96	29.02		
GW-P7	Dry	MW97	28.77		
GW-P8	23.02	MW98	21.64		
GW-P9	21.44	MW99	21.79		
		MW100	13.42		
H-218	31.53	MW101	31.41		
H-219	26.38	MW102	23.34		
H-220	31.67	MW103	23.95		
H-221	18.72	MW104	23.83		
H-222	18.77	MW105	23.52		
H-223	22.50	MW106	14.71		
H-224	26.36	MW107	13.10		

#280 P.001/002

QUARTERLY OPERATIONTENANCE MONITORING
PRISTINE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect monitoring/piezometers/soil gas probes Ensure all soil gas probes are visible	All OK	9/30/16
Task 2	ISVE System Maintenance	Change compressor air filters quarterly Change duel inline filters for air dryers in May & Dec Change oil in compressors every 6 months starting autdown Use only synthetic oil supplied by champion	Complete	8/26/16
Task 3	Extraction Well Maintenance	Check pumps for unusual knocks or vibrations Inspect electrical controls/supply/amperage draw Inspect chambers for water accumulation / line-valve Cycle extraction wells EW2 & EW4 on for 1 hour	OK	9/30/16
Task 4	Treatment System Monitoring	Check HVAC exhaust fans for proper operation Inspect fire extinguishers and smoke alarms Inspect lighting, electrical systems and power cords Inspect sump pit grating Verify general operations of main building sump pun Remove and clean in-line strainers	Need to change some lights. All others OK	9/30/16
Task 5	Material Storage	Visually inspect used oil tank to check for spillage a whether tank needs to be emptied	OK	8/12/16
Task 6	Equipment Inspection	Inspect spill containment material at north mandoor Inspect broom and shovel at roll off area Confirm presence of air horn at main mandoor and pr	All OK	8/12/16

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2016/09/30 15:31

TABLE 2
QUARTERLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	QS#	Location	Measurement	Method	Trench Branch	Notes	Date Completed
Task 7	ISVE System Monitoring		Gas Probes (SG-66 locations)	Vacuum	Portable Vacuum		(see attached sheet)	
		N/A	Gas Probes	Soil Temperatures	Temperature Prob			
			Air injection wells (AIW 1-7)	Pressure	In-line pressure ga			
			Vapor collection piping (6)	Vacuum ("H_2O)	In-line vacuum gau		VS-1 / VS-2 / VS-3	
						south:		
						north:		
		N/A	Vapor collection piping (at vacuum headers and wells) (6)	Flow rate (FPM)	In-line velocity met	south:		
						north:		
			Vapor collection piping (at vacuum headers and wells) (6)	VOC	Portable Instrument	south:		
						north:		
Task 8	Equipment Inspection	N/A	Ladder Inspection	Inspect for wear	Visual		All OK	8/12/16
			Extension Cords Inspection	Inspect for wear	Visual			
Task 9	Fire Protection	N/A	Portable Fire Extinguisher	Check Pressure Monthly	Visual		OK	9/27/16
Task 10	Fire Protection	N/A	Sprinkler System	Take Pressure Reading Monthly	In-Line Pressure G		Silco completed annual & 5yr maintenance	9/20/16
				Open Drain Quarterly	Valve			
Task 11	Alarm System	N/A	ADT Control Panel	Test System	Trigger all alarms		All OK	9/7/16

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Robert Robertson

#2795P .002/002

TABLE 1
WEEKLY OPERATION AND MAINTENA MONITORING
PRISTINE, INC. SITE - #3

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1 ✓	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All looks good	9/24/16
Task 2 ✓	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operatio	All good	9/24/16
Task 3 ✓	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of force Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	ok	9/24/16
Task 4 ✓	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditi (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	ok	9/24/16

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/09/26 15:24

TABLE 1
WEEKLY OPERATION AND MAINTENCE MONITORING
PRISTINE, INC. SITE 250

110471

Task No.	Program Description	Location	Measurement	Met	Reading	Date Completed
Task 5 X	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	N/A
Task 6 ✓	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flower	Zone A - 33,[illegible],530 @	9/24/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flower	Zone B - 7,199,346 @	9/24/16
Task 7 ✓	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels			OK	9/24/16
Task 8 ✓	Extraction Well Monitoring	Control room	Pumping rate	Flower	EW1- 42.52 EW2- off EW3- EW4- EW5-	9/24/16 0720
Task 9 X	ISVE Piping	Zone B	Water Removal	Port Pump	N/A	N/A
Task 10 ✓	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks No Rolloff	Visupection	No leaks	9/24/16
Task 11 ✓	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Presdle	All ok	9/24/16
Task 12 ✓	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visupection	OK	9/24/16

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Andy Schwartz

#279 P.001/002
2016/09/26 15:24
WORDP\3000\3250\3250-INTERNAL-FORMS\Weekly O&M Monitoring Form

2016/09/17 19:32 #274 P.001/002

TABLE 1
WEEKLY OPERATIOND MAINTENANCE MONITORING
PRIE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or da * Inspect Site storm water drainage system (snd perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under ck fabric	All OK	9/17/16 1805
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vi and drain condensate Inspect pneumatic pumps for general operati Clean air compressor inlet filter and external f compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meteraks and proper operation	All OK	9/17/16 1755
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical strucr damage/signs of forced entry Check flow meters to ensure proper operatio: Check 5 offsite chambers for any indications ige.	All OK	9/17/16 1718
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatmeling for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools andparts Check flow meters to ensure proper operatio	Small drip at filter housings All others OK	9/17/16 1827

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/09/17 19:33 #274 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Locon	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapcollection piping (at trment building)	VOC	CEM	N/A	9/17/16	
Task 6	Shallow Groundwater Monitoring	Zone forcemain (at treatnt building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33071670 @ 15	9/17/16	
		Zoneforcemain (at treatnt building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7149140 @ 15	9/17/16	
Task 7	Process Vessel Monitoring	Inspcaustic and acid tanks(including piping) Inspcarbon vessels		All OK		9/17/16	1800
Task 8	Extraction Well Monitoring	Cont room	Pumping rate	Flow meter	EW1-43.1 EW2- off EW3- EW4- EW5-	9/17/16	1826
Task 9	ISVE Piping	Zone	Water Removal	Portable Pump	N/A	9/17/16	
Task 10	Hazardous Waste Storage	Filteress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	no Lks	9/17/16	1711
Task 11	Testing of Eye Wash Stations (3 total)	Cheral Storage Area Mainance Room Neaatox Scrubber	Run water through unit	Press handle	All C	9/17/16	1810
Task 12	Check Contents of First Aid Kit	Conl Room Mainance Room	Open & Inspect Container	Visual Inspection	All ok	9/17/16	1820

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Robert bertson

#271 P.001/002

TABLE 1
EKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Descriptio	Notes	Date Completed
ask 1	Cap System Maintenance	Inspect security fcg for forced entry or damage * Inspect Site storater drainage system (swales and perimeter piping) * Inspect Site cover erosion * Inspect securityeing for erosion under chain link fabric	All OK	9/10/16 1540
Task 2	ISVE System Maintenance	Inspect air compr for oil level, noise or vibration and drain condensate Inspect pneumatimps for general operation Clean air compreinlet filter and external parts of compressor and drive Manually test air pressor relief valve Inspect all pressu.uges, valves and meters for leaks and proper operation	All OK	9/10/16 1530
Task 3	Extraction Well Maintenance	Inspect well locksers and electrical structures for damage/signs of forced entry Check flow meterensure proper operation Check 5 offsite chers for any indications of leakage.	All OK	9/10/16 1450
Task 4	Treatment System Monitoring	Check air quality ilding Conduct general al inspection of treatment building for unusual conditions (corrosion/leaks/age) Check supply of sling equipment Check supply of s equipment, tools and spare parts Check flow meterensure proper operation	Small drip at filter housings will monitor for repairs All others OK	9/10/16 1600

Notes:

Inspection frequencies may be revised based on field ctions

* This activity is seasonal dependent

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2016/09/10 16:46

#271 P.002/002

TABLE 1
WEEKLERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	asurement	Method	Reading	Date Completed
sk 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	C	CEM	N/A	9/10/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	w (cumulative amount water pumped)	Flow meter	Zone A - 33068555 @ 1447	9/10/16
		Zone B forcemain (at treatment building)	w (cumulative amount water pumped)	Flow meter	Zone B - 7148548 @ 1447	9/10/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid cluding piping) Inspect carbon vessels		All OK		9/10/16
Task 8	Extraction Well Monitoring	Control room	mping rate	Flow meter	EW1- 43.1 EW2- off EW3- EW4- EW5- ↓	9/10/16
Task 9	ISVE Piping	Zone B	ter Removal	Portable Pump	N/A	9/10/16
Task 10	Hazardous Waste Storage	Filterpress Room	pect Rolloff for Leaks	Visual Inspection	NO Leaks	9/10/16
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	n water through unit	Press handle	All OK	9/10/16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	en & Inspect Container	Visual Inspection	All OK	9/10/16

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Robert Robertson

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TLE 1
WEEKLY OPERATION ANLAINTENANCE MONITORING
PRISTINE, 2. SITE - #3250

k No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	9/3/16	
Ta	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amo of water pumped)	Flow meter	Zone A - 33064102 @ 0912	9/3/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amo of water pumped)	Flow meter	Zone B - 7147484 @ 0912	9/3/16	
Ta	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		9/3/16	1005
Ta	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 43.1 EW2- off EW3- EW4- EW5-	9/3/16	1025
Ta	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	9/3/16	
Ta10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ for Leal Drums	Visual Inspection	no leaks	9/3/16	0910
Ta11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through un:	Press handle	All OK	9/3/16	1015
Ta12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Contai	Visual Inspection	Contents OK	9/3/16	1020

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Robert Robertson

#270 P.001/002
2016/09/03 11:03

#2703 P.002/002

TABLE 1
/EEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

ask No.	Program Description	Item/Descriptic	Notes	Date mpleted	
sk 1	Cap System Maintenance	Inspect security fing for forced entry or damage * Inspect Site stowater drainage system (swales and perimeter piping) * Inspect Site cosfor erosion * Inspect securitycing for erosion under chain link fabric	All OK	3/16	1010
Task 2	ISVE System Maintenance	Inspect air compsor for oil level, noise or vibration and drain condensate Inspect pneumatumps for general operation Clean air comprer inlet filter and external parts of compressor and drive Manually test airmpressor relief valve Inspect all pressgauges, valves and meters for leaks and proper operation	All OK	3/16	1000
Task 3	Extraction Well Maintenance	Inspect well lockovers and electrical structures for damage/signs of forced entry Check flow meteo ensure proper operation Check 5 offsite chbers for any indications of leakage.	All OK	3/16	0915
Task 4	Treatment System Monitoring	Check air qualitybuilding Conduct generalual inspection of treatment building for unusual conditions (corrosion/leaks;mage) Check supply of ıpling equipment Check supply of ety equipment, tools and spare parts Check flow meteo ensure proper operation	small drip at filter housing All others OK	3/16	1023

Notes:

Inspection frequencies may be revised based on field ditions

* This activity is seasonal dependent

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2016/09/03 11:04

#267 P.001/002

TABLE 1
WEEKLY OPERATIOND MAINTENANCE MONITORING
PRISE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	8/27/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulamount of water pum	Flow meter	Zone A - 33063065 @ 1325	8/27/16
		Zone B forcemain (at treatment building)	Flow (cumulamount of water pum	Flow meter	Zone B - 7147225 @ 1325	8/27/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including pi Inspect carbon vessels		All OK		8/27/16 1410
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 43.1 EW2- off EW3- ↓ EW4- EW5-	8/27/16 1516
Task 9	ISVE Piping	Zone B	Water Remova	Portable Pump	N/A	8/27/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rollof~~ Drum leaks	Visual Inspection	no Leaks	8/27/16 1322
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water thru unit	Press handle	All OK	8/27/16 1425
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspectainer	Visual Inspection	All OK	8/27/16 1430

2016/08/27 15:40

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#267P.002/002

TABLE 1
WEEKLYATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for fort or damage * Inspect Site storm water drainem (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for ender chain link fabric	All OK	8/27/16 1420
Task 2	ISVE System Maintenance	Inspect air compressor for oil lee or vibration and drain condensate Inspect pneumatic pumps for geration Clean air compressor inlet filteernal parts of compressor and drive Manually test air compressor re Inspect all pressure gauges, valmeters for leaks and proper operation	All OK	8/27/16 1405
Task 3	Extraction Well Maintenance	Inspect well locks, covers and estructures for damage/signs of forced entry Check flow meters to ensure peration Check 5 offsite chambers for artions of leakage.	All OK	8/27/16 1330
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspectatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equi Check supply of safety equipms and spare parts Check flow meters to ensure peration	small drip at Filter housing All others OK	8/27/16 1435

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/08/27 15:40

TA
WEEKLY OPERATION AND ENANCE MONITORING
PRISTINE, IE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and peping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabr	All OK	8/20/16 1510
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and tensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of comp drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks anperation	All OK	8/20/16 1500
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damaf forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	8/20/16 1425
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building foronditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housings will monitor for repairs All others OK	8/20/16 1530

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/08/20 16:54

TABLE 1
WEEKLY OPERATION AND MAINTENCE MONITORING
PRISTINE, INC. SITE3250

Task No.	Program Description	Location	Measurement	Md	Reading	Date Completed	
ask 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEI	N/A	8/20/16	
ask 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Floater	Zone A - 33059692 @ 1420	8/20/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Floater	Zone B - 7146381 @ 1420	8/20/16	
ask 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		8/20/16	1505
ask 8	Extraction Well Monitoring	Control room	Pumping rate	Floater	EW1- 42.9 EW2- off EW3- ↓ EW4- EW5-	8/20/16	1527
ask 9	ISVE Piping	Zone B	Water Removal	Pori Pump	N/A	8/20/16	
ask 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visuspection	no leaks	8/20/16	1418
ask 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Prendle	All OK	8/20/16	1520
ask 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visuspection	All OK	8/20/16	1525

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#262P. 002/002

TABLE 1
WEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencinr forced entry or damage * Inspect Site storm wr drainage system (swales and perimeter piping) * Inspect Site cover fonsion * Inspect security fenc for erosion under chain link fabric	All OK	8/13/16
Task 2	ISVE System Maintenance	Inspect air compressor oil level, noise or vibration and drain condensate Inspect pneumatic pun for general operation Clean air compressor it filter and external parts of compressor and drive Manually test air compsor relief valve Inspect all pressure gais, valves and meters for leaks and proper operation	All OK	8/13/16
Task 3	Extraction Well Maintenance	Inspect well locks, covand electrical structures for damage/signs of forced entry Check flow meters to eire proper operation Check 5 offsite chambeor any indications of leakage.	All OK	8/13/16
Task 4	Treatment System Monitoring	Check air quality in buing Conduct general visualspection of treatment building for unusual conditions (corrosion/leaks/dama) Check supply of sampl equipment Check supply of safetyuipment, tools and spare parts Check flow meters to eire proper operation	small drip at filter housings will monitor for repairs All others OK	8/13/16

Notes:

Inspection frequencies may be revised based on field conditi

* This activity is seasonal dependent

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2016/08/13 16:19

#262 P.001/002

ABLE 1
WEEKLY OPERATION AMAINTENANCE MONITORING
PRISTINNC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	8/13/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative ant of water pumped)	Flow meter	Zone A - 33053784 @ 1246	8/13/16	
		Zone B forcemain (at treatment building)	Flow (cumulative ant of water pumped)	Flow meter	Zone B - 7144904 @ 1246	8/13/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		8/13/16	1335
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 42.9 EW2- off EW3- ↓ EW4- EW5-	8/13/16	1357
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	8/13/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ for L Drums	Visual Inspection	No Leaks	8/13/16	1244
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through t	Press handle	All OK	8/13/16	1350
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Conr	Visual Inspection	Contents Good	8/13/16	1355

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2016/08/13 16:18

#261 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Prog Descrn	Item/Description	Notes	Date Completed	
Task 1	Cap Syste Maintenai	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	AK	8/6/16	1410
Task 2	ISVE Syst Maintenai	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	one cont. t removed in zone repairs All is OK	8/6/16	1400
Task 3	Extraction Maintenar	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All K	8/6/16	1310
Task 4	Treatmentm Monitorin	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drillter housings will monitrepairs. All is OK	8/6/16	1420

Notes:

Inspection frequencies m revised based on field conditions

* This activity is seasonalndent

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TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program De	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N	8/6/16	
Task 6	Shallow Ground Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 3304445807	8/6/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7142212.07	8/6/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		8/6/16	1405
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 43.1 EW2- off EW3- ↓ EW4- EW5-	8/6/16	1418
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/	8/6/16	
Task 10	Hazardous Was Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	NO LS	8/6/16	1305
Task 11	Testing of Eye W Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All	8/6/16	1410
Task 12	Check Contents First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All	8/6/16	1415

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Robert Hson

#2601 P.001/002

TABLE 1
WEEKLY OPERATIOND MAINTENANCE MONITORING
PRIST, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damag * Inspect Site storm water drainage system (swald perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chairfabric	All OK	7/30/16 1720
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibrand drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external partompressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters fos and proper operation	Added oil to zone A compressor. All others OK	7/30/16 1710
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structuredamage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of le.	All OK	7/30/16 1605
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment big for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spa:ts Check flow meters to ensure proper operation	small drip at filter housings All others OK	7/30/16 1734

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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WEEKLY OPERATION AN'ENANCE MONITORING
PRISTINE, E - #3250

#260 P.002/002

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	EM	N/A	7/30/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amo	low meter of water pumped)	Zone A - 33042614 @ 1600	7/30/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amo	low meter of water pumped)	Zone B - 7142111 @ 1600	7/30/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels			All OK	7/30/16	1715
Task 8	Extraction Well Monitoring	Control room	Pumping rate	low meter	EW1- 43.2 EW2- off EW3- ↓ EW4- EW5-	7/30/16	1732
Task 9	ISVE Piping	Zone B	Water Removal	ortable Pump	N/A	7/30/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Lea	isual Inspection	No LeaKS	7/30/16	1557
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through un	ress handle	All OK	7/30/16	1725
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Conta	isual Inspection	All OK	7/30/16	1730

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#259 P.001/002

ABLE 1
WEEKLY OPERATION & MAINTENANCE MONITORING
PRISTINC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building) Zone B forcemain (at treatment building)	Flow (cumulative it of water pumped) Flow (cumulative it of water pumped)	Flow meter Flow meter	Zone A - TOTAL 2 BATCH @ 1966.20 TOTAL @ 71361.5 Zone B - @	@ 0.20 gpm 7/23/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping Inspect carbon vessels			CAUSTIC AREAS OK	7/23/16
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 43.4 gpm EW2- EW3- EW4- EW5-	7/23/16
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for I	Visual Inspection	ALL OK SLUDGED DRY IN 1K TOTE	7/23/16
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through	Press handle	ALL OK	7/23/16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Cor	Visual Inspection	ALL OK NO USE	7/23/16

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1000 - 1050 TASK TOTAL

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2016/07/25 10:36

2016/07/25 10:36 #259 P.002/002

TABLE 1
WEEKLY OPETION AND MAINTENANCE MONITORING
'RISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entidamage * Inspect Site storm water drainage sy. (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion r chain link fabric	All OK	7/23/16
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, nor vibration and drain condensate Inspect pneumatic pumps for general ction Clean air compressor inlet filter and eal parts of compressor and drive Manually test air compressor relief val Inspect all pressure gauges, valves anders for leaks and proper operation	All OK	7/23/16
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electricalctures for damage/signs of forced entry Check flow meters to ensure proper opon Check 5 offsite chambers for any indics of leakage.	All OK	7/23/16
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of tment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tooll spare parts Check flow meters to ensure proper opon	All OK	7/23/16

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Pro Descr em/Description	Notes	Date Completed	
Task 1	Cap Syste pect security fencing for forced entry or damage Maintena nspect Site storm water drainage system (swales and perimeter piping) nspect Site cover for erosion nspect security fencing for erosion under chain link fabric	A1	7/16/16	1510
Task 2	ISVE Syst pect air compressor for oil level, noise or vibration and drain condensate Maintena pect pneumatic pumps for general operation an air compressor inlet filter and external parts of compressor and drive nually test air compressor relief valve pect all pressure gauges, valves and meters for leaks and proper operation	All	7/16/16	1500
Task 3	Extraction pect well locks, covers and electrical structures for damage/signs of forced entry Maintena eck flow meters to ensure proper operation eck 5 offsite chambers for any indications of leakage.	0	7/16/16	1400
Task 4	Treatment eck air quality in building Monitorin nduct general visual inspection of treatment building for unusual conditions rosion/leaks/damage) eck supply of sampling equipment eck supply of safety equipment, tools and spare parts eck flow meters to ensure proper operation	small drip housing will monitors All, OK	7/16/16	1527

Notes:

Inspection frequencies based on field conditions

* This activity is seasonal

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2016/07/16 15:55

#255 P. 002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORIN
PRISTINE, INC. SITE - #3250

Task No.	Program	Location	Measurement	Method	Readin	Date Completed	
Task 5	ISVE Syst Monitorir	Vapor collection piping (at treatment building)	VOC	CEM	NA	7/16/16	
Task 6	Shallow C Monitorin	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33034 @ 1355	7/16/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 71462 @ 1355	7/16/16	
Task 7	Process V Monitorin	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		7/16/16	1505
Task 8	Extraction Monitorin	Control room	Pumping rate	Flow meter	EW1- 4 EW2- 0 EW3- EW4- EW5-	7/16/16	1525
Task 9	ISVE Pipin	Zone B	Water Removal	Portable Pump	NA	7/16/16	
Task 10	Hazardous Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	OK	7/16/16	1350
Task 11	Testing of I Stations (3	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	OK	7/16/16	1520
Task 12	Check Con First Aid K	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	OK	7/16/16	1523

2016/07/16 15:55

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Robt Robertson

Pristine Water Levels Job# 003250

Completed By: A. Schwartz/ R. Robertson **Date Completed: 07/11/16**

Well I.D.	DTW	Well I.D.	DTW	Well I.D.	DTW
EW1	39.25	MW68	42.36	PZ1S	41.79
EW2	26.52	MW69	41.83	PZ1D	42.66
EW3	26.57	MW70	42.03	PZ2	27.57
EW4	26.62	MW71	22.90	PZ3	28.18
EW5	25.72	MW72	22.98	PZ4	28.98
GW45	Dry	MW73	22.66	PZ5	30.00
GW46	16.98	MW74	28.02	PZ6	28.09
GW47	40.85	MW75	29.21	PZ7D	28.29
GW50	18.91	MW76	28.38	PZ7S	28.28
GW51	19.30	MW77	22.11		
GW53	12.48	MW78	21.75		
GW54	Broken Riser	MW79	22.76		
GW55	29.78	MW80	42.61		
GW56	37.21	MW81	41.38		
GW59	14.03	MW82	43.31		
GW60A	14.28	MW83	39.64		
GW62	Dry	MW84	40.04		
GW63	35.60	MW85	40.14		
GW64	10.72	MW86	28.42		
GW65	36.80	MW87	28.87		
GW66	10.39	MW88	28.64		
GW108	45.80	MW89	28.52		
GW109	44.24	MW90	Abandoned		
GW-P1	13.05	MW91	14.15		
GW-P2	21.70	MW92	18.72		
GW-P3	21.96	MW93	18.69		
GW-P4	20.65	MW94	28.97		
GW-P5	3.15	MW95	29.02		
GW-P6	27.38	MW96	29.02		
GW-P7	Dry	MW97	28.77		
GW-P8	23.29	MW98	21.87		
GW-P9	21.58	MW99	22.60		
		MW100	13.81		
H-218	31.83	MW101	31.77		
H-219	26.52	MW102	car on top of well		
H-220	32.35	MW103	car on top of well		
H-221	Semi on top of wells	MW104	24.10		
H-222		MW105	23.98		
H-223		MW106	14.89		
H-224	21.78	MW107	13.22		

#254 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All ok	7/9/16 1515
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All ok	7/9/16 1520
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All ok	7/9/16 1530
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	All ok	7/9/16 1540

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/07/11 08:33

#254 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	7/9/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33036064 @ 1525	7/9/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7,140,474 @ 1525	7/9/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All ok		7/9/16 1535
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 42.65 on @ 1530 EW2- off EW3- EW4- EW5-	7/9/16 1530
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	~~All ok~~ N/A	7/9/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All ok	7/9/16 1525
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All ok	7/9/16 1520
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All ok	7/9/16 1515

1. Attach Field Data Record
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Operator Signature Jason Close

2016/07/11 08:33

#2532 P.001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	7/2/16	1620
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	Replaced 2 diaphragms in exhausting valves. All others OK	7/2/16	1610
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	7/2/16	1515
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at filter housings. Will monitor for repairs. All others OK	7/2/16	1640

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/07/02 17:07

#253 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	7/2/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33034102 @ 1508	7/2/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7139984 @ 1508	7/2/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All OK		7/2/16	1615
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 43.2 EW2- off EW3- ↓ EW4- EW5-	7/2/16	1635
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	7/2/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	All OK	7/2/16	1505
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	7/2/16	1630
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	All OK	7/2/16	1633

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Robert Robertson

2016/07/02 17:08

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Pump System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	12/31/16 1220
Task 2	VE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	12/31/16 1210
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	12/31/16 1140
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filter housings will monitor for repairs All others OK	12/31/16 1235

Notes:

Inspection frencies may be revised based on field conditions

* This activitseasonal dependent

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#307 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORI
PRISTINE, INC. SITE - #3250

Task No.	Progr Description	Location	Measurement	Method	Readi	Date Completed	
sk 5	ISVE Syst Monitori	Vapor collection piping (at treatment building)	VOC	CEM	N/A	12/31/16	
Task 6	Shallow undwater Monitori	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A 331214 @ 1138	12/31/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B 71684 @ 1138	12/31/16	
Task 7	Process Wel Monitori	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All C		12/31/16	1215
Task 8	Extractio/ell Monitori	Control room	Pumping rate	Flow meter	EW1- 4 EW2- 6 EW3- EW4- EW5-	12/31/16	1233
Task 9	ISVE Pipi	Zone B	Water Removal	Portable Pump	N/A	12/31/16	
Task 10	HazardoWaste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	D Leaks	12/31/16	1135
Task 11	Testing o/e Wash Stations (ptal)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	A1 OK	12/31/16	1225
Task 12	Check Cents of First Aid	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	A OK	12/31/16	1230

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Robert Robertson

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TABLE 2
QUARTERLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

No.	Pro Desc	Item/Description	Notes	Date Completed
1	Cap Syst Mainten	Inspect monitoring/piezometers/soil gas probes Ensure all soil gas probes are visible	All C	12/30/16
2	ISVE Sy Mainter	Change compressor air filters quarterly Change duel inline filters for air dryers in May & December Change oil in compressors every 6 months starting at summer shutdown Use only synthetic oil supplied by champion	Compli	11/29/16
k 3	Extractil Mainter	Check pumps for unusual knocks or vibrations Inspect electrical controls/supply/amperage draw Inspect chambers for water accumulation / line-valve leakage Cycle extraction wells EW2 & EW4 on for 1 hour	Comple	12/30/16
k 4	Treatmtem Monito	Check HVAC exhaust fans for proper operation Inspect fire extinguishers and smoke alarms Inspect lighting, electrical systems and power cords Inspect sump pit grating Verify general operations of main building sump pumps Remove and clean in-line strainers	one extinguisheeds replaced All othe-tems OK	12/26/16
sk 5	Materi Storag	Visually inspect used oil tank to check for spillage and determine whether tank needs to be emptied	NO Leaks Pills	12/30/16
sk 6	Equipi Inspec	Inspect spill containment material at north mandoor area Inspect broom and shovel at roll off area Confirm presence of air horn at main mandoor and north mandoor	All C	11/01/16

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TABLE 2
QERLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

#Ia.	Program Description	QS#	Location	Measurement	Method	Trench Branch	Notes			e Cetel
k 7	ISVE System Monitoring		Gas Probesocations)	Vacuum	Portable Vacuum Gauge		(see attached sheet)			
		N/A	Gas Probes	Soil Temperatures	Temperature Probe					
			Air injectioAIW 1-7)	Pressure	In-line pressure gauge					
			Vapor collping (6)	Vacuum ("H_2O)	In-line vacuum gauge		VS-1	VS-2	VS-3	
						south:				
						north:				
		N/A	Vapor collping (at vacuum hed wells) (6)	Flow rate (FPM)	In-line velocity meter	south:				
						north:				
			Vapor collping (at vacuum hed wells) (6)	VOC	Portable Instrument (PID)	south:				
						north:				
sk 8	Equipment Inspection	N/A	Ladder In:	Inspect for wear	Visual		All OK			1/16
			Extension ispection	Inspect for wear	Visual					
sk 9	Fire Protection	N/A	Portable Fguisher	Check Pressure Monthly	Visual		OK			1/16
ısk 10	Fire Protection	N/A	Sprinkler:	Take Pressure Reading Monthly	In-Line Pressure Gauge 72/69 psi		Tests Good			1/16
				Open Drain Quarterly	Valve					
ask 11	Alarm System	N/A	ADT Cond	Test System	Trigger all alarms		All OK			1/16

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Robert Robertso

2016/12/30 19:47 #306 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	*Program Description*	*Itl/Description*	*Notes*	*Date mpleted*	
Task 1	Cap System Maintenance	Inst security fencing for forced entry or damage * bect Site storm water drainage system (swales and perimeter piping) * bect Site cover for erosion * bect security fencing for erosion under chain link fabric	All OK	2/24/16	1518
Task 2	ISVE System Maintenance	Inst air compressor for oil level, noise or vibration and drain condensate Inst pneumatic pumps for general operation Ck air compressor inlet filter and external parts of compressor and drive Mally test air compressor relief valve Inst all pressure gauges, valves and meters for leaks and proper operation	All OK	2/24/16	1505
Task 3	Extraction Well Maintenance	Inst well locks, covers and electrical structures for damage/signs of forced entry Ck flow meters to ensure proper operation Ck 5 offsite chambers for any indications of leakage.	All OK no LeaKS	2/24/16	1431
Task 4	Treatment System Monitoring	Ck air quality in building Coct general visual inspection of treatment building for unusual conditions (cosion/leaks/damage) Ck supply of sampling equipment Ck supply of safety equipment, tools and spare parts Ck flow meters to ensure proper operation	small drip at filter hou and Air stripper flange. Will monitor for repair All others OK	2/24/16	1525

Notes:

Inspection frequencies may be revised bd on field conditions

* This activity is seasonal dependent

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TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Locatior	Measurement	Method	Reading	ate Cpleted	
Task 5	ISVE System Monitoring	Vapor colion piping (at treatm building)	VOC	CEM	N/A	1/4/16	
Task 6	Shallow Groundwater Monitoring	Zone A fmain (at treatmenfldng)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33119847 @ 1427	1/4/16	
		Zone B fmain (at treatmenfldng)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7161143 @ 1427	1/4/16	
Task 7	Process Vessel Monitoring	Inspect caic and acid tanks(including piping) Inspect can vessels			All OK	1/4/16	1510
Task 8	Extraction Well Monitoring	Control m	Pumping rate	Flow meter	EW1- 4.7 EW2- off EW3- ↓ EW4- ↓ EW5- ↓	1/4/16	1524
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	1/4/16	
Task 10	Hazardous Waste Storage	Filterpressom	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	NO LeaKS	1/4/16	1426
Task 11	Testing of Eye Wash Stations (3 total)	Chemicalrage Area Maintena Room Near Catcrubber	Run water through unit	Press handle	All OK	1/4/16	1521
Task 12	Check Contents of First Aid Kit	Control Rn Maintena Room	Open & Inspect Container	Visual Inspection	All OK	1/4/16	1523

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Robert Robertson

TABLE 1
7EEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Complete
sk 5	ISVE System Monitoring	Vapor collen piping (at treatmeailding)	VOC	CEM	N A	12/17/1
Task 6	Shallow Groundwater Monitoring	Zone A forain (at treatment ting)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33118709 @ 1635	12/17/1
		Zone B forain (at treatment ting)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7160858 @ 1635	12/17/1
Task 7	Process Vessel Monitoring	Inspect cauand acid tanks(including piping) Inspect carvessels		All OK NO Leaks		12/17/1105
Task 8	Extraction Well Monitoring	Control roc	Pumping rate	Flow meter	EW1-41.8 EW2- off EW3- EW4- EW5-	12/17/1120
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N A	12/17/1
Task 10	Hazardous Waste Storage	Filterpressm	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	NO Leaks	12/17/1630
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Sge Area Maintenanoom Near Catorubber	Run water through unit	Press handle	All OK	12/17/115
Task 12	Check Contents of First Aid Kit	Control Rc Maintenanoom	Open & Inspect Container	Visual Inspection	All OK	12/17/18

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Robert Robertson

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2016/12/19 09:01
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#3003P.002/002

TABLE 1
WEEKPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fencing for entry or damage * Inspect Site storm water ;e system (swales and perimeter piping) * Inspect Site cover for ero * Inspect security fencing for under chain link fabric	All OK	12/17/16	1710
Task 2	ISVE System Maintenance	Inspect air compressor for l, noise or vibration and drain condensate Inspect pneumatic pumps eral operation Clean air compressor inlet id external parts of compressor and drive Manually test air compresif valve Inspect all pressure gauges and meters for leaks and proper operation	All OK	12/17/16	1700
Task 3	Extraction Well Maintenance	Inspect well locks, covers atrical structures for damage/signs of forced entry Check flow meters to ensuer operation Check 5 offsite chambers fndications of leakage.	All OK	12/17/16	1638
Task 4	Treatment System Monitoring	Check air quality in buildi Conduct general visual ins of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of samplingnent Check supply of safety eqt, tools and spare parts Check flow meters to ensuer operation	Small drip at filter housings and Air stripper flange, will monitor for repairs All others OK	12/17/16	1722

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/12/19 09:02

#297P .001/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Pra Deson	Item/Description	Notes	Date Completed
sk 1	Cap Sys Mainten	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	12/10/16 1430
Task 2	ISVE Sys Mainten	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	12/10/16 1415
Task 3	Extractidl Mainten	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	12/10/16 1335
Task 4	Treatmetem Monitor	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small drip at filter hou and AB flange, will m All Others	12/10/16 1450

Notes:

Inspection frequenciesbe revised based on field conditions

* This activity is seasonpendent

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#297 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANMONITORING
PRISTINE, INC. SITE - #325

Task	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	SVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	12/10/16	
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 33115413 @ 1330	12/10/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7160034 @ 1330	12/10/16	
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels			11 OK	12/10/16	1420
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 41.5 EW2- off EW3- ↓ EW4- EW5-	12/10/16	1447
Task 9	SVE Piping	Zone B	Water Removal	Portable Pu	N/A	12/10/16	
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspe	NO Leaks	12/10/16	1326
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	12/10/16	1440
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspe	All OK	12/10/16	1445

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Robert Robertson

2016/12/10 16:57

#2965P.001/002

TABLE 1
EKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed	
Task 1	Cap System Maintenance	Inspect security fe; for forced entry or damage * Inspect Site stonter drainage system (swales and perimeter piping) * Inspect Site coveerosion * Inspect security ng for erosion under chain link fabric	All OK	12/3/16	1515
Task 2	ISVE System Maintenance	Inspect air comprefor oil level, noise or vibration and drain condensate Inspect pneumatiops for general operation Clean air compresilet filter and external parts of compressor and drive Manually test air cressor relief valve Inspect all pressunges, valves and meters for leaks and proper operation	All OK	12/3/16	1505
Task 3	Extraction Well Maintenance	Inspect well locks,rs and electrical structures for damage/signs of forced entry Check flow meterssure proper operation Check 5 offsite chas for any indications of leakage.	All OK	12/3/16	1425
Task 4	Treatment System Monitoring	Check air quality ilding Conduct general v inspection of treatment building for unusual conditions (corrosion/leaks/ge) Check supply of sing equipment Check supply of sequipment, tools and spare parts Check flow meterssure proper operation	small drip at Filter housings and at Air stripper flange. will monitor for repairs All others OK	12/3/16	1537

Notes:

Inspection frequencies may be revised based on field coons

* This activity is seasonal dependent

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2016/12/03 17:54

#296 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Lon	Measurement	Method	Reading	Dated	
ask 5	ISVE System Monitoring	Vollection piping (ment building)	VOC	CEM	N/A	12/16	
Task 6	Shallow Groundwater Monitoring	Zforcemain (at tmt building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 331136668 @ 1422	12/16	
		Zforcemain (at tmt building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7159431 @ 1422	12/16	
Task 7	Process Vessel Monitoring	Iraustic and acid tanks(including piping) Irarbon vessels			All OK	12/16	1510
Task 8	Extraction Well Monitoring	Croom	Pumping rate	Flow meter	EW1- 41.8 EW2- off EW3- ↓ EW4- EW5-	12/16	1535
Task 9	ISVE Piping	Zc	Water Removal	Portable Pump	N/A	12/16	
Task 10	Hazardous Waste Storage	Fiss Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	No Leaks	12/16	1420
Task 11	Testing of Eye Wash Stations (3 total)	Cll Storage Area Mance Room Nox Scrubber	Run water through unit	Press handle	All OK	12/16	1527
Task 12	Check Contents of First Aid Kit	CRoom Mance Room	Open & Inspect Container	Visual Inspection	All up to date	12/16	1532

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Operator Signature [signature]
Robert Robertson

2016/12/03 17:54

2016/11/26 17:13 #295 P.001/002

TABLE
WEEKLY OPERATION AND MAINANCE MONITORING
PRISTINE, INC. S #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeteg) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	11/26/16 1520
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain isate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressorive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and propration	All OK	11/26/16 1510
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/s:forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	11/26/16 1430
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for ununditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at filterhousing and also at A/S soil transfer pump flange, will monitor for/schedule repairs	11/26/16 1540

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORIN(
PRISTINE, INC. SITE - #3250

#295 P.002/002

Task No.	ogram Description	Location	Measurement	Method	Reading	Date Completed	
ik 5	I System litoring	Vapor collection piping (at treatment building)	VOC	CEM	A	11/26/16	
Task 6	Slow Groundwater litoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 331106 @ 1426	11/26/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 71580 @ 1426	11/26/16	
Task 7	less Vessel litoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		no lea		11/26/16	1515
Task 8	action Well litoring	Control room	Pumping rate	Flow meter	EW1- 41. EW2- of EW3- ↓ EW4- EW5- ↓	11/26/16	1537
Task 9	3 Piping	Zone B	Water Removal	Portable Pump	A	11/26/16	
Task 10	ardous Waste age	Filterpress Room	Inspect Rolloff for Leaks	Visual Inspection	nleaks	11/26/16	1424
Task 11	ing of Eye Wash ions (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	11 OK	11/26/16	1527
Task 12	ck Contents of t Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	11 OK	11/26/16	1535

2016/11/26 17:13

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Robi Robertson

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	*Program Description*	*Item/Description*	*Notes*	*Date Completed*
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	OK	11/18/16
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	ok	11/19/16
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	ok ~~94,95~~ ~~106,107~~ ~~100~~ AWB 11/19/16	11/18/16
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	ok	11/19/16

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	*Program Description*	*Location*	*Measurement*	*Method*	*Reading*	*Date Completed*
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	11/19/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter 3023.95	Zone A - 80% @ 2,419.16	11/19/16
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 20% @ 604.79	11/19/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels			ok	11/19/16
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 420 EW2- N/A EW3- ↓ EW4- EW5-	11/19/16
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	11/19/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	No Leaks	11/19/16
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	ok	11/19/16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	ok	11/19/16

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Operator Signature [signature] 11/19/16
Andrew Schwartz

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	*Program Description*	*Item/Description*	*Notes*	*Date Completed*
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All ok	11/12/16
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	11/12/16
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	OK	11/12/16
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	All OK	11/12/16

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection piping (at treatment building)	VOC	CEM	N/A	11/12/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (at treatment building) Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped) Flow (cumulative amount of water pumped)	Flow meter 4250.42 Flow meter	Zone ~~A~~ B - 20% @ 856.08 Zone ~~B~~ A - 80% @ 3,400.34	11/12/16 11/12/16
Task 7	Process Vessel Monitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels			All OK	11/12/16
Task 8	Extraction Well Monitoring	Control room	Pumping rate	Flow meter	EW1- 42.3 EW2- off EW3- ↓ EW4- EW5-	11/12/16
Task 9	ISVE Piping	Zone B	Water Removal	Portable Pump	N/A	11/12/16
Task 10	Hazardous Waste Storage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	No leaks	11/12/16
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	All OK	11/12/16
Task 12	Check Contents of First Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	Control Rm - OK Maintenance - OK	11/12/16

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Operator Signature [signature] 11/12/16

Andrew W. Schuerte

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

sk No.	Program Description	Itemscription	Notes	Dai Compl
k 1	Cap System Maintenance	Inspecurity fencing for forced entry or damage * Ins Site storm water drainage system (swales and perimeter piping) * Ins Site cover for erosion * Ins security fencing for erosion under chain link fabric	All OK	11/5/1410
Task 2	ISVE System Maintenance	Inspair compressor for oil level, noise or vibration and drain condensate Inspneumatic pumps for general operation Clear compressor inlet filter and external parts of compressor and drive Manv test air compressor relief valve Inspll pressure gauges, valves and meters for leaks and proper operation	All OK.	11/5/1400
Task 3	Extraction Well Maintenance	Inspwell locks, covers and electrical structures for damage/signs of forced entry Cheow meters to ensure proper operation Cheoffsite chambers for any indications of leakage.	All OK	11/5 1320
Task 4	Treatment System Monitoring	Cheo quality in building Con general visual inspection of treatment building for unusual conditions (corm/leaks/damage) Cheopply of sampling equipment Cheepply of safety equipment, tools and spare parts Cheow meters to ensure proper operation	small drip at filter housing will monitor for repairs All others OK	11/5 1425

Notes:

Inspection frequencies may be revised basn field conditions

* This activity is seasonal dependent

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#290 P.001/002
2016/11/05 15:09
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2016/11/05 15:10 #290 P.002/002

TABLE 1
WERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Method	Reading	Date Completed
Task 5	ISVE System Monitoring	Vapor collection F (at treatment buil	CEM	N/A	11/5/16
Task 6	Shallow Groundwater Monitoring	Zone A forcemain (cumulative amount treatment buildinater pumped)	Flow meter	Zone A - 33099377 @ 1315	11/5/16
		Zone B forcemain (cumulative amount treatment buildinater pumped)	Flow meter	Zone B - 7156026 @ 1315	11/5/16
Task 7	Process Vessel Monitoring	Inspect caustic anluding piping) Inspect carbon ve		All OK - no Leaks	11/5/16 14
Task 8	Extraction Well Monitoring	Control room ıping rate	Flow meter	EW1- 41.9 EW2- off EW3- EW4- EW5-	11/5/16 11
Task 9	ISVE Piping	Zone B :er Removal	Portable Pump	N/A	11/5/16
Task 10	Hazardous Waste Storage	Filterpress Roomect ~~Rolloff~~ Drums for Leaks	Visual Inspection	no Leaks	11/5/16 1.
Task 11	Testing of Eye Wash Stations (3 total)	Chemical Storage water through unit Maintenance Roc Near Catox Scrub	Press handle	All OK	11/5/16 14
Task 12	Check Contents of First Aid Kit	Control Room :n & Inspect Container Maintenance Roc	Visual Inspection	All OK	11/5/16 14

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Robert Robertson

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORI
PRISTINE, INC. SITE - #3250

Task No.	ogram Description	Location	Measurement	Method	Readi	Date Completed	
sk 5	E System nitoring	Vapor collection piping (at treatment building)	VOC	CEM	✓	10/29/16	
Task 6	low Groundwater nitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone : 330@ 1340	10/29/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone I. 715@ 1340	10/29/16	
Task 7	ess Vessel nitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		NO L		10/29/16	1435
Task 8	action Well nitoring	Control room	Pumping rate	Flow meter	EW1- EW2- EW3- EW4- EW5-	10/29/16	1457
Task 9	E Piping	Zone B	Water Removal	Portable Pump	✓	10/29/16	
Task 10	ardous Waste rage	Filterpress Room	Inspect ~~Bellaff~~ drums for Leaks	Visual Inspection	✓K NO LeaKS	10/29/16	1339
Task 11	ting of Eye Wash ions (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	OK	10/29/16	1450
Task 12	ck Contents of t Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	OK	10/29/16	1455

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Operator Signature R Robertson

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2016/10/29 15:50
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#287 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

sk No.	Pro: Descr	Item/Description	Notes	Date Completed
sk 1	Cap Syst Maintena	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	All OK	10/29/16 1440
Task 2	ISVE Syst Maintena	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	10/29/16 1430
Task 3	Extractio Maintena	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	10/29/16 1345
Task 4	Treatmerm Monitori	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at fitting All other OK	10/29/16 1500

Notes:

Inspection frequenciese revised based on field conditions

* This activity is seasonendent

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2016/10/22 18:22 #285 P.001/002

TA 1

WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC SITE - #3250

Task No.	Program Description	Item/Description	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and pipe piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fab.	All OK	10/22/16 1710
Task 2	ISVE System Maintenance	Inspect air compressor for oil level, noise or vibration and condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of comp. and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	All OK	10/22/16 1700
Task 3	Extraction Well Maintenance	Inspect well locks, covers and electrical structures for damages of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	All OK	10/22/16 1615
Task 4	Treatment System Monitoring	Check air quality in building Conduct general visual inspection of treatment building for all conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	small drip at Filter housings will monitor for repairs All others OK	10/22/16 1730

Notes:

Inspection frequencies may be revised based on field conditions

* This activity is seasonal dependent

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2016/10/22 18:22 #285 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description	Location	Measurement	Method	Reading	Date Completed	
Task 5	IS System Nitoring	Vapor collection piping (at treatment building)	VOC	CEM	N	10/22/16	
Task 6	Slow Groundwater Nitoring	Zone A forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 330850@ 1610	10/22/16	
		Zone B forcemain (at treatment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 715274@ 1610	10/22/16	
Task 7	Press Vessel Nitoring	Inspect caustic and acid tanks(including piping) Inspect carbon vessels		All		10/22/16	1705
Task 8	Traction Well Nitoring	Control room	Pumping rate	Flow meter	EW1- 42.5 EW2- off EW3- EW4- EW5-	10/22/16	1728
Task 9	E Piping	Zone B	Water Removal	Portable Pump	N	10/22/16	
Task 10	Hardous Waste Stage	Filterpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	AK no Leaks	10/22/16	1609
Task 11	Tting of Eye Wash tions (3 total)	Chemical Storage Area Maintenance Room Near Catox Scrubber	Run water through unit	Press handle	AIOK	10/22/16	1720
Task 12	eck Contents of t Aid Kit	Control Room Maintenance Room	Open & Inspect Container	Visual Inspection	AIOK	10/22/16	1725

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Robertson

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORIN(
PRISTINE, INC. SITE - #3250

Task No.	Program escription	Item/Description	Notes	Date Completed	
sk 1	System tenance	Inspect security fencing for forced entry or damage * Inspect Site storm water drainage system (swales and perimeter piping) * Inspect Site cover for erosion * Inspect security fencing for erosion under chain link fabric	AOK	10/15/16	1715
Task 2	System tenance	Inspect air compressor for oil level, noise or vibration and drain condensate Inspect pneumatic pumps for general operation Clean air compressor inlet filter and external parts of compressor and drive Manually test air compressor relief valve Inspect all pressure gauges, valves and meters for leaks and proper operation	A OK	10/15/16	1705
Task 3	ction Well tenance	Inspect well locks, covers and electrical structures for damage/signs of forced entry Check flow meters to ensure proper operation Check 5 offsite chambers for any indications of leakage.	Ceeted	10/15/16	1610
Task 4	ment System toring	Check air quality in building Conduct general visual inspection of treatment building for unusual conditions (corrosion/leaks/damage) Check supply of sampling equipment Check supply of safety equipment, tools and spare parts Check flow meters to ensure proper operation	Small at filter housings will for All thers OK	10/15/16	1735

Notes:

Inspection ies may be revised based on field conditions

* This activisonal dependent

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2016/10/15 18:14

#283 P.002/002

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Task No.	Program Description		Measurement	Method	Reading	Date Completed	
ik 5	ISVE System Monitoring	ior collection piping reatment building)	VOC	CEM	N/A	10/15/16	
Task 6	Shallow Groundwate Monitoring	A forcemain (at tment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone A - 3307274 @ 160°	10/15/16	
		e B forcemain (at tment building)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 7150501 @ 160°	10/15/16	
Task 7	Process Vessel Monitoring	ect caustic and acid tanks(including piping) ect carbon vessels		All OK		10/15/16	1710
Task 8	Extraction Well Monitoring	trol room	Pumping rate	Flow meter	EW1- 42.3 EW2- 0.66 EW3- ↓ EW4- EW5-	10/15/16	1733
Task 9	ISVE Piping	e B	Water Removal	Portable Pump	N/A	10/15/16	
Task 10	Hazardous Waste Storage	rpress Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	No Leaks	10/15/16	1603
Task 11	Testing of Eye Wash Stations (3 total)	mical Storage Area ntenance Room r Catox Scrubber	Run water through unit	Press handle	All OK	10/15/16	1725
Task 12	Check Contents of First Aid Kit	trol Room ntenance Room	Open & Inspect Container	Visual Inspection	All OK	10/15/16	1730

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Robert Robon

2016/10/15 18:14

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Began @ 0915 End @ 1045

Task No.	Program Description	Item/Descrip	Notes	Date Completed
Task 1	Cap System Maintenance	Inspect securincing for forced entry or damage * Inspect Site m water drainage system (swales and perimeter piping) * Inspect Site r for erosion * Inspect secufencing for erosion under chain link fabric	Have a mole issue on North side of plant Fence OK Began @ 0915 End @ 0935	10/8/16
Task 2	ISVE System Maintenance	Inspect air conssor for oil level, noise or vibration and drain condensate Inspect pneum pumps for general operation Clean air comsor inlet filter and external parts of compressor and drive Manually test ompressor relief valve Inspect all pree gauges, valves and meters for leaks and proper operation	OK	10/8/16
Task 3	Extraction Well Maintenance	Inspect well lc covers and electrical structures for damage/signs of forced entry Check flow ms to ensure proper operation Check 5 offsitembers for any indications of leakage.	OK	10/8/16
Task 4	Treatment System Monitoring	Check air qualn building Conduct genetisual inspection of treatment building for unusual conditions (corrosion/leadamage) Check supply ampling equipment Check supply afety equipment, tools and spare parts Check flow ms to ensure proper operation	OK	10/8/16

Notes:

Inspection frequencies may be revised based on fielnditions

* This activity is seasonal dependent

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2016/10/10 15:15

TABLE 1
WEEKLY OPERATION AND MAINTENANCE MONITORING
PRISTINE, INC. SITE - #3250

Begin @ 0915 End @ 1145

Task No.	Program Description	Loca	Measurement	Method	Reading	ate pleted
Task 5	ISVE System Monitoring	Vapo ection piping (at trent building)	VOC	CEM	N/A	8/16
Task 6	Shallow Groundwater Monitoring	Zone remain (at treatnbuilding)	Flow (cumulative amount of water pumped)	Flow meter 1158.44	Zone A - 9276.75 @	8/16
		Zone remain (at treatnbuilding)	Flow (cumulative amount of water pumped)	Flow meter	Zone B - 231.69 @	8/16
Task 7	Process Vessel Monitoring	Insperistic and acid tanks(including piping) Insperbon vessels			OK	8/16
Task 8	Extraction Well Monitoring	Controm	Pumping rate	Flow meter 42 31 Flow ↗	EW1- 9272112? EW2- not on EW3- EW4- EW5- ↓	8/16
Task 9	ISVE Piping	Zone	Water Removal	Portable Pump	N/A	8/16
Task 10	Hazardous Waste Storage	Filter Room	Inspect ~~Rolloff~~ Drums for Leaks	Visual Inspection	OK	8/16
Task 11	Testing of Eye Wash Stations (3 total)	ChemStorage Area Maintce Room Near x Scrubber	Run water through unit	Press handle	OK	8/16
Task 12	Check Contents of First Aid Kit	Controom Maintce Room	Open & Inspect Container	Visual Inspection	Ok Nothing expired	8/16

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Andrew Schwartz CLOO 10/8/16

#281 P.002/002

Pristine Water Levels Job# 003250

Completed By: A. Schwartz/ R. Robertson **Date Completed: 12/13/16**

Well I.D.	DTW	Well I.D.	DTW	Well I.D.	DTW
EW1	39.41	MW68	42.84	PZ1S	41.28
EW2	26.85	MW69	42.02	PZ1D	42.28
EW3	27.01	MW70	42.36	PZ2	28.01
EW4	26.99	MW71	23.29	PZ3	28.64
EW5	26.15	MW72	23.35	PZ4	29.42
GW45	Dry	MW73	23.02	PZ5	30.46
GW46	17.51	MW74	28.71	PZ6	28.57
GW47	41.51	MW75	29.56	PZ7D	28.72
GW50	20.09	MW76	28.75	PZ7S	28.75
GW51	20.18	MW77	22.28		
GW53	12.94	MW78	22.13		
GW54	Dry	MW79	22.15		
GW55	30.00	MW80	41.02		
GW56	37.82	MW81	40.85		
GW59	14.77	MW82	43.83		
GW60A	15.13	MW83	40.01		
GW62	Dry	MW84	40.58		
GW63	36.24	MW85	40.56		
GW64	11.07	MW86	28.85		
GW65	37.32	MW87	29.02		
GW66	11.08	MW88	29.10		
GW108	46.22	MW89	28.90		
GW109	44.79	MW90	Abandoned		
GW-P1	13.43	MW91	14.58		
GW-P2	22.21	MW92	18.98		
GW-P3	23.50	MW93	18.91		
GW-P4	21.18	MW94	29.44		
GW-P5	15.58	MW95	29.47		
GW-P6	27.95	MW96	29.14		
GW-P7	Dry	MW97	29.48		
GW-P8	23.48	MW98	22.36		
GW-P9	21.93	MW99	22.53		
		MW100	14.18		
H-218	32.24	MW101	31.89		
H-219	27.15	MW102	24.55		
H-220	32.40	MW103	24.71		
H-221	19.13	MW104	24.55		
H-222	19.19	MW105	24.34		
H-223	20.86	MW106	15.07		
H-224	NA	MW107	13.54		

Appendix E
Summary of Waste Material Handling

Table E.1

Summary of Waste Material Handling
Year 2016
Pristine, Inc. Site
Reading, Ohio

Manifest No.	Date Shipped	Transporter	Destination	Description of Waste Material	Quantity (tons)
015513025 JJK	3/7/2016	EQ Industrial Services	Wayne Disposal, Inc [1]	Cartridge Filters and Sludge	0 67
015845162 JJK	6/1/2016	EQ Industrial Services S&C Transportation Inc	Wayne Disposal, Inc [1]	Cartridge Filters and Sludge	0 60
015846967 JJK	8/11/2016	EQ Industrial Services	Wayne Disposal, Inc [1]	Cartridge Filters and Sludge	0 55
015846482 JJK	10/26/2016	EQ Industrial Services	Wayne Disposal, Inc. [1]	Cartridge Filters and Sludge	0 75

Notes:
1. Wayne Disposal, Inc Site #2 Landfill 49350 N I-94 Service Drive, Belleville, MI, 48111

Appendix F
Calculations-Estimated Total VOC Emissions from the Treatment Systems and VOC Removal by Air Stripper No. 1

Table F.1

Year 2016 Summary of Estimated Total VOC Emissions
Pristine, Inc. Site
Reading, Ohio

Emission Source	Source of Emission Data	Estimated VOC Emissions[1] lbs/hr	lbs/day	tons/year
Catalytic Oxidizer	Table 5 1[2]	0 00264	0 063	0 0109
Air Stripper #1A[3]	NA	0 00000	0 000	0.0000
Air Stripper #2[4]	NA	0 00000	0 000	0 0000
300-GPM System Aeration Tank[5,6]	NA	0 00000	0 00000	0 0000
	Totals	0 0026	0 063	0 0109

Notes:
1. Expressed as total volatile organic compounds (VOC)
2. Results of post-catalytic oxidizer shut down combined influent sample, which includes air from Air Stripper #1 and the ISVE system (when operational) ISVE system was not operating in 2016.
3 Air Stripper #1A was deactivated in August 2009
4 Air Stripper #2 was shut down with 300-GPM system in March 2006
5 The 300-GPM system was shutdown as of June 1, 2011 and GW108 was connected to 150-GPM system
6 No analytical data available In the past, contribution were estimated by assuming 25 percent of average total VOC in the 300-GPM system and GW108 influent water (see Table B 1) were emitted. This is based on historical emission rates

Table F.2

Year 2016 Estimated Removal Efficiency of Air Stripper #1
150-GPM System
Pristine, Inc. Site
Reading, Ohio

Sample Description	**150 Air Stripper #1 Influent**	**150 Air Stripper #1 Effluent**	**Estimated VOC Removed[1]**	**Estimated VOC Concentration In Air[2]**
Sample ID	**W-071416-RR-1065-PW**	**W-071416-RR-1066-PW**		
Sample Date	**7/14/2016**	**7/14/2016**		
Units	**µg/L**	**µg/L**	**µg/L**	**mg/m^3**
Volatile Organic Compounds				
Acetone	ND (20 0)	ND (20 0)	0 0	--
Benzene	ND (5 00)	ND (5 00)	0 0	--
2-Butanone (MEK)	ND (20 0)	ND (20 0)	0 0	--
Carbon tetrachloride	ND (5 00)	ND (5 00)	0 0	--
Chlorobenzene	ND (5 00)	ND (5 00)	0 0	--
Chloroform	ND (5 00)	ND (5 00)	0 0	--
1,4-Dichlorobenzene	ND (5 00)	ND (5 00)	0 0	--
1,3-Dichlorobenzene	ND (5 00)	ND (5 00)	0 0	--
1,2-Dichlorobenzene	ND (5 00)	ND (5 00)	0 0	--
1,2-Dichloroethane	12	ND (5 00)	12	0 025
trans-1,2-Dichloroethene	ND (2 50)	ND (2 50)	0 0	--
1,1-Dichloroethene	ND (5 00)	ND (5 00)	0 0	--
Ethylbenzene	ND (5 00)	ND (5 00)	0 0	--
Methylene chloride	ND (5 00)	ND (5 00)	0 0	--
Styrene	ND (5 00)	ND (5 00)	0 0	--
1,1,2,2-Tetrachloroethane	ND (5 00)	ND (5 00)	0 0	--
Tetrachloroethene	ND (5 00)	ND (5 00)	0 0	--
Toluene	ND (5 00)	ND (5 00)	0 0	--
1,1,2-Trichloroethane	ND (5 00)	ND (5 00)	0 0	--
1,1,1-Trichloroethane	ND (5 00)	ND (5 00)	0 0	--
Trichloroethene	ND (5 00)	ND (5 00)	0 0	--
Vinyl chloride	ND (5 00)	ND (5 00)	0 0	--
total Xylenes	ND (5 00)	ND (5 00)	0 0	--
Total	**12.0**	**0.0**	**12.0**	**0.025**

ESTIMATED REMOVAL EFFICIENCY:
12/12 x 100 = 100 percent
100 percent of VOC removed by Air Stripper #1

Notes
1 100 percent removal of VOC is presumed based on minimal VOC loading
2 Based an air flow of 2,500 scfm and a water flow of 39 gpm