WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Waukesha Service Center
141 NW Barstow St
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

December 5, 2006

Bluemound Plaza, LLC
Tim Timmerman
P.O. Box 61
Elm Grove, WI 53122

WDNR FID # 268506040
WDNR BRRTS # 02-68-544712

Subject: Case Closure
Former Express Cleaners, 19555 W. Bluemound Rd., Suite 10,
Brookfield, Wisconsin

Dear Mr. Timmerman:

On October 30, 2006, the Department of Natural Resources (Department) received a request for closure in the report from your consultant entitled, "Site Investigation & Remedial Action Report". Based on the correspondence and data provided in the above report for the former Express Dry Cleaners, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact me at 262-574-2146.

Sincerely,

Mark Drews

Mark Drews, P.G.
Hydrogeologist
Bureau for Remediation & Redevelopment

cc: Amy Haak, Alpha Terra Science, 1237 S. Pilgrim Rd., Plymouth, WI 53073
SER File

Letter of Transmittal

From:
Name: Amy Haak
Company: Alpha Terra Science
Address: 1237 S Pilgrim Rd
Plymouth WI 53073
Phone: 920 892-2444
Date: 10/26/06

OCT 30 2006

To: Wisconsin Department of Natural Resources
Southeast Region - Headquarters Office
P.O. Box 12436
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212
Attn: Remediation and Redevelopment Program

Site Name: Express Cleaners (former)
Site Address: 19555 W. Bluemound Rd
Suite # 10, Brookfield WI
FID #: 268506040
BRRTS #: 02-68-544712

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. Be sure to include the FID and BRRTS numbers which have been assigned to the site, and identify the intent of the document(s) you are submitting in order to speed processing.

__LUST X ERP __Spill __ACT 453 Purchaser Liability^ __ACT 453 Municipal^
__Other (describe)_____

✓ CHECK	PURPOSE OF DOCUMENT/REPORT:	DNR CODE
	Notification of Release	01^
	Tank Closure/Site Assessment *where release(s) have been detected* *	33
	Site Investigation Workplan	35
X	Site Investigation Report __groundwater impacts __no groundwater impacts combined report	37 76^
	Off-Site Determination Request	90
	Remedial Action Plan	39
	Site Specific Clean-Up Goal Proposal	90
	NR 718 Landspreading Request	61
	Copy of Notification to Treat or Dispose of Contaminated Soil or Water	99^
	Injection/Infiltration Request	63
	Quarterly Report or Update	43
	O & M Form 4400-194	92
X	Remedial Action Report combined report	41
X	Closure Review Request	79^
	Simple Site Closure Report *using NR700.11 process*	79^
	Copy of Draft Deed Affidavit or Restriction required for close-out	51/52
	Well Abandonment Form	99
	PECFA Form 4-B (for completed remediation only)	44
X	Other (please describe): $750 closure review fee	90/99^

* "Clean" closures should be sent directly to the DNR Remediation and Redevelopment Program, P.O. Box 7921, Madison, WI 53707 attn: Julie Weber

Remarks: Mark Drews is Project Manager

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

Case Summary and Close Out Request
Form 4400-202 (R 5/04)

WDNR BRRTS CASE # 02 - 68 - 544712 WDNR SITE NAME : Former Express Cleaners

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
Bureau for Remediation and Redevelopment

This form is intended to provide instructions and a list of information that must be submitted for evaluation for case closure, each time a request is made. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: ***Completion of this form is mandatory*** *for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing close out requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].*

In order to expedite the closure process, provide a complete and accurate closure package according to the following instructions, each time a closure decision is requested:

- Submit the Case Summary and Close Out Form and the required attachments as a stand-alone, **unbound** package. Include all information requested per section, as appropriate to the site, in the order shown. Include all attachments per section, as appropriate. Do not attach previously submitted reports. Correctly reference any reports in the case summary, as applicable.
- Include fees with this package at the time it is submitted to the department in order for the application to be considered complete.
- Specify your selected closure option.
- Include all **GIS Registry information** (in Section I) as a stand-alone document (*do not refer to materials in other attachments*). Include copies of **all off-source property and ROW notifications**.
- Place a √ (attached) or NA (not applicable) in the blank next to each attachment, in each section.
- Include a draft of the deed document with the close out application, if a **deed restriction** or **deed notice** is required as a condition of closure of the selected remedy. Include a maintenance plan, if it is required in the deed instrument.
- **Maps for the GIS Registry may not be larger than 8.5 x 14 inches,** unless maps are submitted in electronic form in portable document format (pdf) readable by the Adobe Acrobat Reader. For electronic document submittal requirements, see http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR690.pdf.
- Prepare maps according to the applicable portions of ss. NR 716.15(2)(h)1 and 726.05(3)(a)4.d. Prepare visual aids, including maps, plans, drawings, cross sections, fence diagrams, tables and photographs according to s. NR 716.15(2)(h)1. – 4.
- **Use a bold font** on information of importance on tables, maps and figures. A **bold font (for ES exceedances)** and *italics (for PALs)* are preferred when differentiation is necessary. **Please do not use shading or highlights** on any of the analytical tables (per s. NR 726.05(3) and maps as the shading obscures the information that is scanned for inclusion in the GIS Registry.
- Put multiple tables submitted for contaminated media data (eg. pre- and post-remedial data) in chronological order. Include the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)). Summaries of all data should include information collected by previous consultants. Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15(2)(g)3 in the format required in s. NR 716.15(2)(h)3.
- Document free product recovery estimates as required in s. NR 708.15, if applicable.

WDNR BRRTS CASE # 02 - 68 - 544712 WDNR SITE NAME : Former Express Cleaners

Section A: Case History and Closure Pathway Selected

ATTACHMENTS:

X A brief site summary including results of all investigative activities, interim and remedial actions taken, a description of any residual soil and/or groundwater contamination and their locations, a description of any other media affected, and a description of how actual and potential impacts to receptors have been addressed.

X Site location map on USGS topographic base map.

X Site map including buildings, utilities, property lines of source property and impacted non-source properties, ground cover and supply wells. *These maps may be combined. A copy of the map(s) from Section I, #5 may be used.*

____ Verification of the zoning for affected properties.

INFORMATION NEEDED:

1. Site Name Former Express Cleaners
   Street Address: 19555 W. Bluemound Rd, Suite 10
   City/Zip Code: Brookfield, WI
2. BRRTS #: 02-68-544712
3. DNR FID #: 268506040 PECFA Claim#: Not applicable
4. Responsible Party Name Bluemound Plaza, LLC
   Mailing Address: P. O. Box 61 City/Zip Code: Elm Grove, WI 53122
   Phone number: 262/821-5750 Contact Person: Tim Timmerman, III, Director of Operations
5. Date of Incident/Discovery: 2005 Contaminant Type(s): PCE, TCE, cis-1,2 DCE
6. Quantity Released: Unknown
7. Land Use:
   Current : ____ Residential X Commercial ____ Industrial ____ Other
   If other, specify: ____
   Planned Post Remediation : ____ Residential X Commercial ____ Industrial ____ Other
   If other, specify: ____
8. Is a zoning change required? ____Y X N
   If so, has it been completed for post remedial land use? ____Y ____N
9. 8.62 Acres ready for use (The total area in acres of all adjacent tax parcels owned by the same entity on the site where the contamination originated, rounding fractions to nearest .5 acre and noting >100 acres for acreages above 100 acres. For multiple discharges that are cleaned up concurrently, count the acres once.)
10. Geographic Coordinates (meters/ WTM83/91) E 670219 N 286321
11. Method Used to Obtain Geographic Coordinates:
    ____ On-site using GPS equipment, converted or projected into WTM83/91 coordinates
    X Used RR GIS Registry web site to get WTM83/91 coordinates
    ____ Other (specify): ____
12. *Groundwater Contamination Remaining (>ES):
    On Source Property ___Y X N
    Off Source Property ___Y X N
13. *Residual Soil Contamination > Generic or Site-Specific RCL:
    On Source Property ___Y X N
    Off Source Property ___Y X N
14. Contamination in Right of Way: ___Y X N
15. Closure Pathway Selected: check all that apply

CLOSURE via NR 726	
Soil	Groundwater
___ < s. NR 720.09/720.11 Generic RCLs	X < s. NR 140.10 Table 1 & Table 2 Values
___ s. NR 720.19(2) Soil Performance Standards	___ s. NR 140.28(2) PAL Exemption
X s. NR 720.19(4) Groundwater Pathway	___ s. NR 726.05(2)(b), ≥ ES Natural Attenuation
___ s. NR 720.19(5) Direct Contact	
___ s. NR 720.19(6) Other Pathways	

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CLOSURE via NR 746 and NR 726	
Petroleum Storage Tank **Soil** Options for Closure:	
___s. NR 746.07 Requirements Met-Post Investigation	
___s. NR 746.08 Requirements Met-Post Remed.	
Petroleum Storage Tank **GW** Options for Closure:	Petroleum Storage Tank **GW** Options for Closure:
Within Permeable Material:	Within Low Permeability Material:
___s. NR 746.07(3) ≥PAL <ES, Post Investigation	___s. NR 746.07(2), Post Investigation
___s. NR746.07(4) >ES, Post Investigation	___s. NR 746.08(2), Post Remediation
___s. NR 746.08(3)≥ PAL, <ES, Post Remediation	
___s. NR 746.08(4) >ES, Post Remediation	

Section B: Receptor Summary

ATTACHMENTS:
NA Notification(s) regarding contamination in ROW
NA Notification(s) to off-source property owners regarding sampling results

INFORMATION NEEDED:
1. Identify **all** pre-remedial actual receptors, the assessed risk and their locations (e.g., both on- and off-site utility corridors, basements or sumps of nearby buildings, direct contact threat from soil, water supplies, surface waters, sediments, vapors, etc.) *For definitions, refer to s. NR 700.03 (47), Wis. Adm. Code.*
PCE concentrations in vapor samples from sub-slab vapor probes exceeded target soil gas concentration corresponding to target indoor air concentration.

2. Have the remedial actions addressed the potential or actual impacts to these receptors?
X Y (Details in the case history summary (Section A)).
___N If no, please identify the nature of the remaining risk and the receptor at risk, if any:

Section C: Soil Investigation Information

ATTACHMENTS:
X Complete soil data summary table of field screening and laboratory analytical results, including all detects, regardless of ch. NR 720 standards, with dates, sample locations, depths and detection limits. Identify exceedances.
X Map(s) of all pre-remedial soil sampling locations: depicting all soil sample locations relative to site facilities. Note in bold font those sample locations that exceed ch. NR 720 RCLs (including free product location) and delineate the extent of contamination.
X Pre-remedial geologic cross-sections; including geology, source location(s), extent of soil and groundwater contamination, free product location/depth, soil sample locations, water table elevation, and bedrock elevation, if encountered.

INFORMATION NEEDED:
1. Extent Defined? ___Y X N If not, explain why. Due to laboratory contamination of soil samples, and project time constraints, the extent of contamination was not fully defined prior to initiation of remediation activities
2. Soil Type(s): sand/gravel fill, clayey fill, silty clay, sandy silt
3. Depth of Contamination: Top: 0 Bottom: 13'
4. Type of Bedrock: Dolomite Depth to Bedrock: >100'

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5. Is Any Contaminated Soil (Unsaturated or Saturated) in Contact With the Bedrock? ____Y _X_N
6. Measurable Free Product? ____Y _X_ N Depth/Location: _____

Section D: Soil Remediation Information

ATTACHMENTS:

_X_ Map showing remediated area (for example, excavation limits or area influenced by SVE) and locations of post-remediation soil samples (if any). This map should show the locations and extent of residual soil contamination exceeding ch. NR 720 RCLs. These samples should be noted in bold font. *A copy of the map(s) from Section I, #10, may be used.*

_X_ Soil disposal documentation

_X_ NR 720.19 analysis, assumptions and calculations for site specific RCLs (SSRCLs) , with justification

_X_ Calculations and results of EPA Soil Screening Level Model.

_X_ Post-remedial cross-section(s) with post remedial soil sampling results, if soil removal or treatment has occurred. Identify sample results and depths. *A copy of the cross-section(s) from Section I, #11, may be used or you may refer to the cross-section(s) in Section E, as appropriate.*
____see Section E

INFORMATION NEEDED:

1. Remedial Action Completed? _X_Y ____N
2. Were immediate or interim actions conducted? ____Y _X_N If yes, what action was taken?
3. Brief description of remedial action taken:
   Excavate contaminated soil
4. Were soils excavated? _X_Y _____N
   Quantity: 1255 tons Disposal Method: Landfill
5. Final Confirmation Sample Collection Methods:
   Soil samples collected from excavation perimeter and/or bottom.
6. Final Soil/Drill Cuttings Disposal Location:
   Veolia's Emerald Park Landfill, Franklin, WI
7. Estimated volume and depth of in situ soils exceeding ch. NR 720 Table RCLs or Site Specific RCLs:
   All soils remediated to concentrations below site specific RCLs.
8. Estimated volume and depth of in situ soils exceeding ch. NR 746 Table 1 or Table 2 or Site Specific RCLs (*underground petroleum tank systems, as defined in ch. NR 746 only*):
   N/A
9. s. NR 720.19 Analysis? _X_Y _____N
   ___ Performance Standard -NR 720.19(2)
   _X_ SSRCL - NR 720.19(3) and (4),(5) or (6)
10. If the remedy includes a Soil Performance Standard, what type? _X_ not applicable
    ____Cap ____ Soil ____Building ____ Natural Attenuation of Groundwater ____Other
    Specify other: _____
11. Will the maintenance of the SPS be consistent with the planned post remediation land use?
    _NA_Y _____N If No, please explain: _____
12. Is the EPA Soil Screening Level Model used as justification for closure of sites with residual contaminated soils?
    _X_Y _____N Are the input numbers used: _____ Site Specific , or _X_ WI Defaults?

Section E: Groundwater Information

ATTACHMENTS:

_X_ Table identifying all contaminants, summarizing all pre- and post-remediation groundwater analytical results, with sample collection dates *(prepared in accordance with guidance document RR-628)*

_X_ Groundwater sample location map showing the site facilities and all monitoring wells, sumps, extraction wells, and potable and non-potable wells. Combined w/next map

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X Isoconcentration map(s) when included as part of the site investigation or map(s) of the horizontal extent of contamination based on most recent data. *A copy of the map(s) from Section I, #7, may be used.*

X A map showing groundwater flow direction(s) and summarizing the maximum variation in flow direction. *Multiple maps may be used. A copy of the map(s) from Section I, #9, may be used.*

X A table summarizing all groundwater elevations, with dates, and top and bottom elevations of well screens. (*Wells are to be referenced to national geodetic survey datum, as per NR 141.065(2)).*

NA Graphs and statistical analyses which demonstrate the dynamics of the groundwater plume, for sites requesting closure using natural attenuation that meet the criteria s. NR 726.05(2)(b) or of s. NR 746 (permeable soils). *Refer to WDNR publication RR-614 for guidance.*

NA Geologic cross-sections showing extent of residual soil and/or groundwater contamination, as applicable. *A copy of the cross-section(s) from Section I, #11 may be used.*

INFORMATION NEEDED:

1. Extent of Contamination Defined? X Y ____ N ____ N/A
2. Remedial Action Completed? X Y ____ N ____ N/A
   Brief Description of Remedial Action Taken: Contaminated material was removed from the saturated zone
3. Depth(s) to Groundwater 8-9 feet Flow Direction(s): Generally west
4. Field Analyses? ____ Y X N
   Lab Analyses? X Y ____ N
5. 2 # of Sample Rounds
   11 # of Sampling Points
   0 # NR 141 Monitoring Wells Sampled
   11 # Temporary GW Sampling Points Sampled
   0 # Recovery Sumps Sampled
   0 # Municipal Wells Sampled
   0 # Private Wells Sampled
6. Was DNR notified of substances in groundwater without standards? ____ Y X N ____ N/A
   If yes, how many? ____ What substances? ____
7. Preventive Action Limit currently exceeded? ____ Y X N If yes, identify location(s)
8. Enforcement Standard currently exceeded? ____ Y X N If yes, identify location(s)
9. Measurable free product detected? ____ Y X N Pre-remediation
   ____ Y X N Post-remediation
10. Was free product remediated? ____ Y N/A N
    Method: N/A
    Purge water or free product-groundwater mixture disposal method?
    Mixed with excavated soils and disposed of at Emerald Park Landfill
11. Potable wells within 1200 feet of site? ____ Y X N
    Have they been sampled? ____ Y N/A N
    Type (i.e. municipal, private, etc.)? N/A
    [NOTE: Include wells on *groundwater well location map*]
12. Has DNR been provided with **all** results of private well sampling? ____ Y N/A N
13. Have well owners/occupants been notified of results? (*Sec. B Attachments*) ____ Y N/A N
    (*Results also need to be sent to the DNR Water Supply Specialist)*

Section F. Other Contaminated Media Information:

ATTACHMENTS:

____ Table of analytical results for all contaminants for media other than soil or groundwater

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INFORMATION NEEDED:

1. Have other media been impacted (either on-site or off-site e.g. sediment, utilities, air)? X Y ____N
   Briefly describe type and extent of **all** contamination found in media other than soil or groundwater:
   PCE concentrations in vapor samples from sub-slab vapor probes exceeded target soil gas concentration corresponding to target indoor air comcentrations.
2. Remedial action completed? X Y ____N ____N/A
   Brief description of remedial action taken: PCE impacted soil was excavated from underneath the building slab.
3. # of Post Remedial Sample Rounds: 0
   # of Sampling Points: 0
   Field Analyses? ____Y ____N
   Lab Analyses? ____Y ____N

Section G. Associated Site Closure Information:

ATTACHMENTS:

NA Construction documentation or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), in accordance with s. NR 724.15.

NA Maps and photos documenting the cap area, and/or integrity of the cap, with date.

NA Description of any soil performance standard cover system used, including a description of how it meets the requirement to be protective until residual contaminant concentrations no longer pose a threat to public health, safety, welfare or the environment, per s. NR 720.19(2), s. NR 722.09(2) and (3).

NA Maintenance plan with deed restriction for performance standard remedy. (per ss. NR 720.19(2) and 724.13(2))

INFORMATION NEEDED:

1. Enforcement actions closed out? ____Y ____N X N/A
2. Permits closed out? ____Y ____N X N/A
3. Describe how the following pathways are protected:
   a) Direct Contact Pathway: _____
   b) Groundwater: _____
   c) Other: _____

H. Proposed Institutional Controls: *(See Pub. RR-606)*

ATTACHMENTS:

NA RR GIS Registry of Closed Remediation Sites
- ____ Soil
- ____ Groundwater
- ____ Both

NA Draft deed document *(Contact your DNR project manager for a template or guidance.)*
Type:
- ____ Deed Restriction
- ____ Deed Notice
- ____ Maintenance Agreement
- ____ Other: _____

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I. Required GIS Registry Information: Provide the following information, as a separate, stand-alone attachment, in the order specified.

_____ 1. **Copy(s) of most recent deed**, including legal description(s), for all affected properties within or partially within the contaminated site boundary. *(NOTE: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.)*

_____ 2. **A copy of certified survey map(s),** as required by s. NR 716.15(2)(j)2., or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map (lots on subdivided or platted property (*e.g.*, lot 2 of xyz subdivision).

_____ 3. **The parcel identification number** (if county uses them) for each property within the contaminated site boundaries. Include the address of each property within the contaminated site boundary (regardless of whether parcel id # exists). **Geographic position** data for each property (meters in WTM83/91 projection) in compliance with the requirements of s. NR 716.15 (2)(k), unless this information was previously submitted to the agency with administrative authority for the site as part of the site investigation report, or unless the agency with administrative authority has directed that the responsible party does not need to provide geographic position data for a specific site.

_____ 4. **A site location map** which outlines all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit the easy location of all parcels. If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200 feet of the site. (If only one property, combine with map required in next item #5.)

_____ 5. **A map of contaminated properties within the site boundary** showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. This map shall also show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 enforcement standards, and/or in relation to the boundaries of soil contamination exceeding generic or site-specific residual contaminant levels as determined under s. NR 720.09, 720.11 and 720.19.

_____ 6. **A table of the most recent analytical results**, with sample collection dates from all monitoring wells, and any potable wells for which samples have been collected for groundwater, and/or showing results for all contaminants found in pre-remedial sampling and in the most recent soil sampling event, for soils (without shading or crosshatching). Note occurrence of free product.

_____ 7. **A groundwater isoconcentration map**, if required as part of the site investigation (SI), of the contaminated properties within the site boundaries. The map must include the areal extent of groundwater contamination exceeding PALS and the areal extent of groundwater contamination exceeding ESs, groundwater flow direction(s) based on the most recent data, and sample collection dates. **If an isoconcentration map was not required** as part of the SI, substitute a map showing the horizontal extent of contamination, based on the most recent data. Note free product location(s).

_____ 8. **A table of the previous 4 water level elevation measurements from all monitoring wells**, at a minimum, with the date measurements were made, is to be included. If present, note free product elevation and thickness on the table.

_____ 9. **A groundwater flow direction map** representative of groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, 2 groundwater flow maps showing the maximum variation in flow direction are to be submitted. *Prepare maps according to the applicable portions of ss. NR 716.15(2)(g)5-8 and 716.15(2)(h)1-2.*

_____ 10. For sites closing with residual soil contamination, **include a map showing the location of all soil samples** and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds generic or site specific residual contaminant levels.

_____ 11. **A geologic cross section**, if required as part of the SI, showing vertical extent and location of residual soil contamination exceeding generic or site specific RCLs and residual groundwater contamination, source extent and location, isoconcentrations for all groundwater contaminants that exceed PALs that remain when closure is requested; water table and piezometric elevations, and the location and elevation of geologic units, bedrock, and confining units, if any.

_____ 12. **A statement signed by the responsible party,** which states that he or she believes that the legal description has been attached for each property that is within, or partially within, the contaminated site boundary. *(The purpose of this requirement is that a legal description for each of the contaminated properties has been submitted. The RP is not required to attest to the accuracy of the attached legal descriptions.)*

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_____ *13.* **A copy of the letters sent by the RP to all owners of properties with groundwater exceeding ESs as** required by s. NR 726.05(3)(a)4.g. Letters sent to off-source properties must contain standard provisions in Appendix A of ch. NR 726. *(Off source properties are listed separately on the GIS Registry with a link to the source property.)* If the source property is owned by someone other than the person who is applying for case closure, a copy of the letter notifying the current owner of the source property that case closure has been requested should also be included.

_____ 14. **A copy of all written notifications** provided to the city/village/municipal/state agency or other entity responsible for maintenance of a public street or highway or railroad right-of-way, within or partially within the boundaries of the contaminated site, for contamination exceeding groundwater ESs and/or soil exceeding generic or site specific RCLs.

_____ 15. **A list of addresses for all off-source properties** affected by residual soil or groundwater contamination exceeding applicable standards.

I certify that, to the best of my knowledge, the information presented on and attached to this form is true and accurate. This recommendation for case closure is based upon all available data as of 10/24/06 (date). I have read the Case Summary and Close Out Form instructions and all required information has been included.

Form Completed By: Amy Haak (Signature) 10/26/06 (Date)

X **$750.00 Closeout Review Fee Attached**
____ **$250.00 GIS Registry Maintenance Fee Attached (GW)**
____ **$200.00 GIS Registry Maintenance Fee Attached (Soil)**

Printed Name: Amy Haak

Company Name: Alpha Terra Science

Email address: amyhaak@alphaterra.net

If not site owner, relationship to site owner: consultant to owner

Address: 1237 S. Pilgrim Rd City/Zip Code Plymouth WI 53073

Telephone Number: (920) 892-2444 FAX Number: (920) 892-2620

Environmental Consultant (if different than above): _____

Address: _____ City/Zip Code _____

Telephone Number: (____) _____ FAX Number: (___) _____

WDNR BRRTS CASE # 02 - 68 - 544712 WDNR SITE NAME : Former Express Cleaners

FOR DEPARTMENT USE ONLY

PROJECT MANAGER: _____ Date Reviewed: _____

( ) Approved ( ) Denied ( ) Sent to Committee

CLOSURE COMMITTEE DECISION ON CLOSURE:

FIRST COMMITTEE REVIEW DATE: _____ **( ) Approved ( ) Denied**

_____	_____	_____	_____
(Signature)	(Signature)	(Signature)	(Signature)

COMMITTEE RECOMMENDATION:

_____ **Closure Approved With:**

- _____ No Restrictions
- _____ Listing on GIS Registry due to Groundwater impacts
- _____ Listing on GIS Registry due to Soil impacts
- _____ Zoning Verification
- _____ Deed Restriction
- _____ Deed Notice
- _____ Site Specific Close Out Letter
- _____ Well Abandonment Documentation
- _____ Soil Disposal Documentation
- _____ NR 140 Exemption For: _____
- _____ VPLE Insurance needed
- _____ Other Conditions/Comments: _____

_____

_____

_____

_____ **Closure Denied, Needs More:**

- _____ Investigation
- _____ Groundwater Monitoring
- _____ Soil Remediation
- _____ Groundwater Remediation
- _____ Documentation of Soil Landspreading or Biopile Destiny
- _____ Specific Comments: _____

_____

_____

_____

WDNR BRRTS CASE # 02 - 68 - 544712 WDNR SITE NAME : Former Express Cleaners

FOR DEPARTMENT USE ONLY

PROJECT MANAGER: _____ Date Reviewed: _____

( ) Approved ( ) Denied ( ) Sent to Committee

CLOSURE COMMITTEE DECISION ON CLOSURE:

SECOND COMMITTEE REVIEW DATE: _____ **( ) Approved ( ) Denied**

_____	_____	_____	_____
(Signature)	(Signature)	(Signature)	(Signature)

COMMITTEE RECOMMENDATION:

_____ **Closure Approved With:**

- _____ No Restrictions
- _____ Listing on GIS Registry due to Groundwater impacts
- _____ Listing on GIS Registry due to Soil impacts
- _____ Zoning Verification
- _____ Deed Restriction
- _____ Deed Notice
- _____ Site Specific Close Out Letter
- _____ Well Abandonment Documentation
- _____ Soil Disposal Documentation
- _____ NR 140 Exemption For: _____
- _____ VPLE Insurance needed
- _____ Other Conditions/Comments: _____

_____

_____

_____

_____ **Closure Denied, Needs More:**

- _____ Investigation
- _____ Groundwater Monitoring
- _____ Soil Remediation
- _____ Groundwater Remediation
- _____ Documentation of Soil Landspreading or Biopile Destiny
- _____ Specific Comments: _____

_____

_____

_____

SECTION A

CASE HISTORY AND CLOSURE PATHWAY SELECTED

Site summary
Site location map
Site map

Summary of Site Activities

Express Cleaners vacated Suite 10 of the Bluemound Plaza retail center located at 19555 W. Bluemound Road in 2005. A drycleaners was housed at this location for at least 16 years. There was evidence of spillage and staining of drycleaning chemicals on the concrete floor of the suite and the presence of tetrachloroethylene (PCE) was detected in preliminary soil sampling conducted in the fall of 2005.

In January of 2006 the Wisconsin Department of Natural Resources issued a letter stating an investigation was necessary to determine the extent of contamination in the soil and groundwater. Alpha Terra Science was retained to conduct investigation activities, and initial soil borings and temporary wells were installed in June of 2006. The extent of contamination in the soil and groundwater remained undefined and a second round of drilling was conducted in August 2006. All investigative drilling was conducted within tenant Suites 10 and 12 of Bluemound Plaza. A summary of investigation activities follows:

- The concrete building slab was placed on a bed of sand and gravel generally about 1.5 feet thick. Additional fill that is clayey in nature underlies the sand and gravel. The clayey fill contains rocks that are cobble- to boulder-sized, and extends to an approximate depth of seven feet below land surface (bls). Dark brown to black silty clay soils represent the former topsoil layer at the site. Underlying soils include sandy silts, sandy clay and clayey sands with occasional thin sand or gravel lenses.

- Groundwater stabilized at depths between eight and nine feet in the temporary monitoring wells. Horizontal groundwater flow generally to the west, with an approximate gradient of 0.017 ft/ft. The hydraulic conductivity of the silty clay soils is likely in the range of 1 X 10^{-6} cm/sec; the conductivity of the sandy silt and sandy clay layers would be higher, on the order of 1 X 10^{-4} to 1 X 10^{-6} cm/sec.

- PCE, the drycleaning solvent that was used by the cleaners, was the only contaminant detected in any of the soil samples collected during investigation activates.

- PCE was detected in water samples from five wells (TW-1, TW-4, TW-6, TW-7 and TW-10), but PCE concentrations in excess of the enforcement standard (ES) of 5 ug/l were only detected in samples from well TW-7. Daughter products TCE and c-DCE were detected in the groundwater sample from well TW-7, but only TCE was present at a concentration above its ES. These PCE breakdown products were not detected in any of the other groundwater samples. The extent of groundwater contamination was confined to the area underneath the building.

- Two sub-slab vapor probes were installed; one (VP-1) in the immediate vicinity of the former drycleaning machine and the other (VP-2) in the adjacent tenant suite to the east. Vapor samples collected from each location were analyzed for chlorinated volatile organic compounds and PCE was the only contaminant detected in the vapor samples. The PCE concentration in vapors from probe VP-1 was 280 parts per billing by volume.

The PCE vapor concentration from probe VP-2 was lower at 29 parts per billion by volume.

Bluemound Plaza had a tenant interested in leasing Suite 10, so remediation in the quickest manner was desired. Due to the laboratory contamination of soil samples, the extent of soil contaminated with PCE was not entirely defined, but PCE concentrations in most of the soils were rather low (<60 ug/kg). The extent of PCE-impacted groundwater had been defined and was localized to the area under the tenant suite. As one of Bluemound Plaza's objectives was to complete cleanup activities in a very short timeframe, excavation of PCE-impacted soil was chosen as the remedial method.

- Soil excavation activities were conducted September 13 through October 3 by Vogt Excavating. The concrete floor and walls between tenant suites were removed as necessary so contaminated soil could be accessed for remediation. Excavation was conducted using a mini-excavator and skid loader.

- Concrete from the area under and around the drycleaning machine location was disposed of at Emerald Park Landfill (approximately 5 tons). Concrete from other areas was hauled to a crushing plant where it would be recycled in new concrete.

- As excavation proceeded, sidewall and bottom soil samples were collected at intervals of approximately 20-25 feet. Most sidewall samples were collected from a depth of approximately 2.5 feet as representative of the most impacted zone identified during investigative activities. In deeper parts of the excavation, samples from depths of 7 and 11 feet were also collected as supplemental sidewall samples. Final excavation depths ranged from 5.5 to 13.75 feet deep.

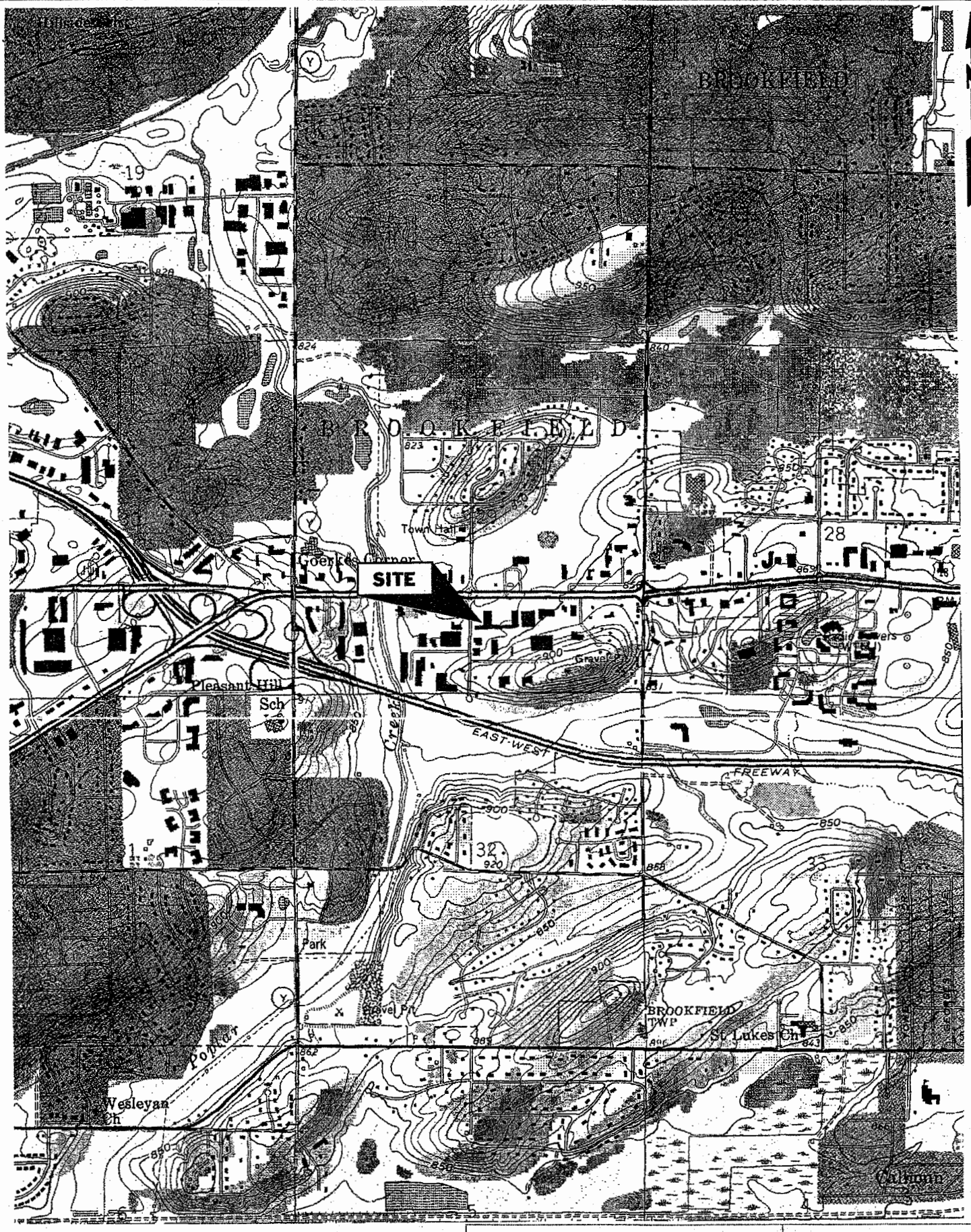
- The soil samples were submitted for laboratory analysis for chlorinated volatile organic compounds (CVOC) on a quick turn-around basis. If laboratory results indicated any of the CVOC compounds were present the excavation was expanded outward. If none of the CVOCs were detected no further excavation was conducted. To document removal of contaminants 51 soil samples were collected from the perimeter of the excavation. Lab data from borings advanced as part of the investigation were used to define excavation limits in conjunction with data obtained during remediation activities. PCE, nor any other CVOC, was detected in any of the final perimeter samples, so the soil at the site can be considered fully remediated.

- A total of 1255.57 tons of contaminated soil and concrete were removed during cleanup efforts.

- Following receipt of favorable soil sample results, limestone screenings were placed in the excavation in nine- to twelve-inch lifts and compacted using a vibrating roller or a walk behind vibrating compactor. The excavation was backfilled to a level even with the base of the surrounding concrete floor.

- All soil with detectable contaminant concentrations (predominantly PCE) have been remediated from the site. As a result there is no source for vapors or ongoing groundwater contamination.

At this time site closure is requested with no property restrictions or GIS registry listings as the site should qualify for closure with no residual contamination. All soil with detectable amounts of contamination was removed from the Express Cleaners site during excavation activities. Additionally, excavation continued beneath the water table in the area of well TW-7 where PCE and TCE concentrations in the groundwater slightly exceeded enforcement standards (8.9 and 7.7 ug/l respectively) prior to remediation. Six soil samples from the saturated zone in this area were collected and none of them contained detectable amounts of PCE or TCE, indicating remediation is complete in the saturated zone. Groundwater contaminant levels did not exceed enforcement standards at any other locations. Soil and groundwater remediation can be considered complete at the site.



1" = 2000 ft

0 600 1200 1800 2400 3000 ft
0 200 400 600 800 1000 m

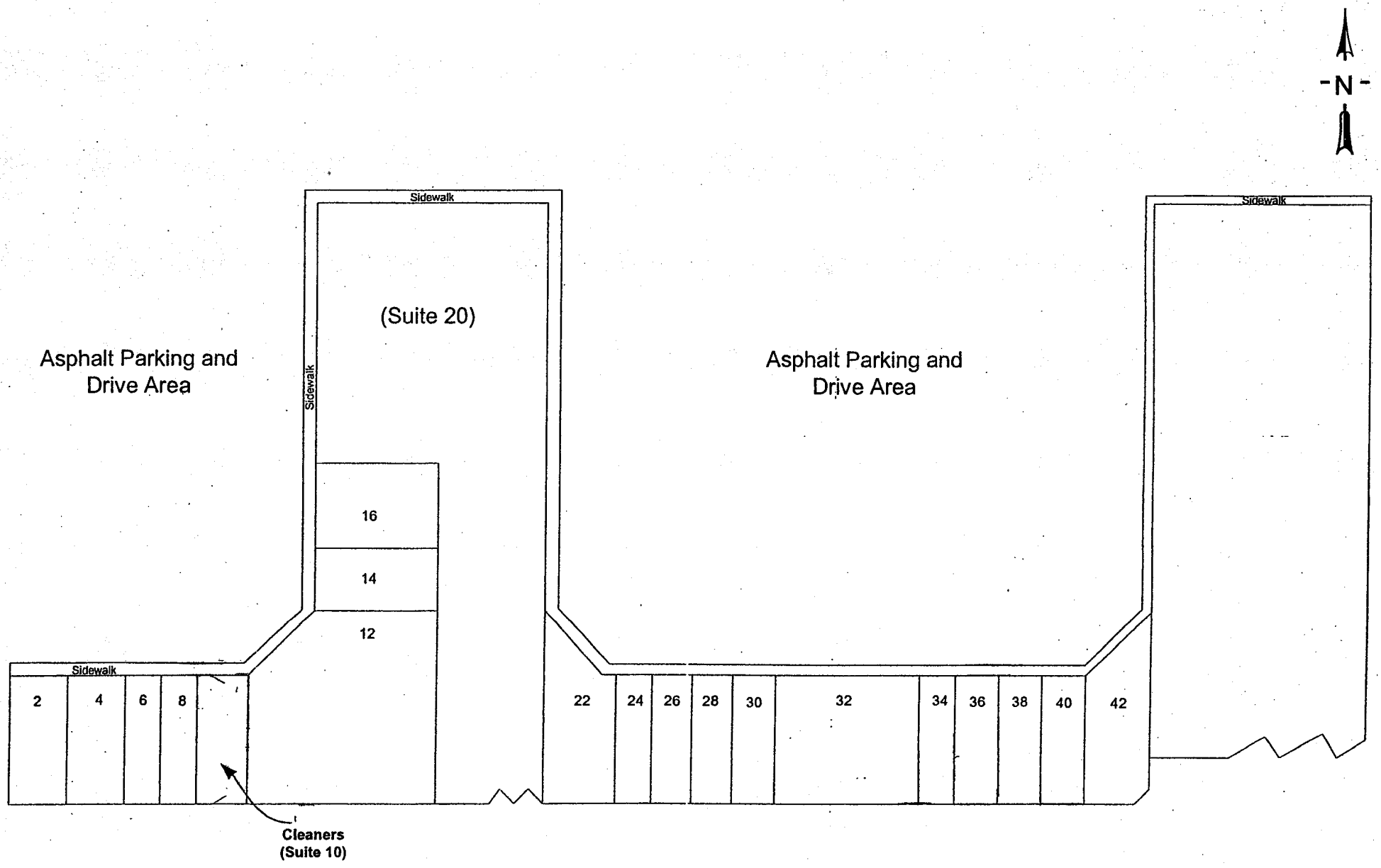
SOURCE: Waukesha 7.5 minute topographic quadrangle 1992

SITE LOCATION MAP

Former Express Cleaners, Brookfield, WI

ALPHA TERRA SCIENCE

DATE	DESCRIPTION	APPVD	DATE: 6/15/06	DWG #: siteloc
SCALE 1:=24,000			APPROVED: AH	FIGURE 1



Modified from base map constructed by Nova Consulting Group, Inc.

BLUEMOUND PLAZA LAYOUT	ALPHA TERRA SCIENCE
Former Express Cleaners - Brookfield, WI	DATE: 6/15/06 file ref: plaza.skf
SCALE: 1 Inch= Approximately 80 Feet	DRAWN BY: AH FIGURE 2

LEGEND

HAB-1 / B-2 ● SOIL BORING LOCATION

GP-1 ┼ PHASE II TEMPORARY WELL LOCATION (ABANDONED)

TW-3 ⊕ TEMPORARY WELL LOCATION

VP-2 ☆ VAPOR PROBE LOCATION

---------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

- N -

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1

SIDEWALK (under canopy)

SUITE 12

TW-12

TW-3

TW-13

B-14

EXPRESS CLEANERS SUITE 10

B-16

HAB-5

B-2

B-9

HAB-1

VP-2

SUITE 8

TW-7

VP-1

HAB-3

TW-1

TW-11

B-17

B-5

HAB-4

TW-4

B-8

B-15

SANITARY SEWER & WATER LINES

B-18

TW-10

TW-6

SS & W

SS & W

SS & W

SS & W

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

W

SS

SS

SS

Gas service goes up interior wall and into ceiling.

GP-2

G

G

ASPHALT DRIVE

TITLE: SITE MAP WITH LOCATIONS OF BORINGS, TEMPORARY MONITORING WELLS & VAPOR PROBES

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY AH	FIGURE 8

SECTION C

SOIL INVESTIGATION INFORMATION

Soil data summary table
Map with soil sample locations
Pre-remedial geologic cross-section

TABLE 2

INVESTIGATIVE SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS

Former Express Cleaners, Brookfield, WI

Sample ID	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)	Other Compounds Detected? (ug/kg)
PHASE II SAMPLES COLLECTED NOVEMBER 21, 2005								
HAB-1	1.5'	ND	<25	<25	**440**	<25	<25	ND
PHASE II SAMPLES COLLECTED DECEMBER 5, 2005								
HAB-3	4.5'	ND	<25	<25	<25	<25	<25	ND
HAB-4	2'	ND	<25	<25	**740**	<25	<25	ND
HAB-4	5'	ND	<25	<25	**400**	<25	<25	ND
HAB-5	2'	ND	<25	<25	**1100**	<25	<25	ND
HAB-5	4.5'	ND	<25	<25	**660**	<25	<25	ND
SITE INVESTIGATION SAMPLES COLLECTED JUNE 21, 2006								
TW-1	2-3'	0.7	<26	<26	<26	<26	<26	Methylene Chloride= 80
B-2	4-5'	2.2	<27	<27	**100**	<27	<27	ND
TW-3	2-3'	0.0	<26	<26	<26	<26	<26	Methylene Chloride= 40
TW-3	7-8'	0.0	<25	<25	<25	<25	<25	ND
TW-4	2-3'	2.2	<27	<27	**600**	<27	<27	ND
TW-4	7-8'	0.0	<30	<30	<30	<30	<30	ND
TW-4	15-16'	0.0	<30	<30	<30	<30	<30	ND
TW-6	2-3'	0.0	<25	<25	**110**	<25	<25	ND
TW-6	7-8'	0.0	<25	<25	<25	<25	<25	Methylene Chloride= 43

TABLE 2

INVESTIGATIVE SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS

Former Express Cleaners, Brookfield, WI

Sample ID	Depth	PID Reading	Analytical Parameter					
			cis-1,2-DCE c-DCE	trans-1,2-DCE t-DCE	Tetrachloroethene PCE	Trichloroethene TCE	Vinyl Chloride VC	Other Compounds Detected?
	(feet)	(su)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)
TW-7	2-3'	0.0	<25	<25	**270**	<25	<25	ND
TW-7	6.5-7.5	0.0	<25	<25	**250**	<25	<25	ND
B-8	4.5-5.5'	0.0	<25	<25	**350**	<25	<25	ND
B-9	3-4'	0.0	<25	<25	**820**	<25	<25	ND
SITE INVESTIGATION SAMPLES COLLECTED AUGUST 7, 2006 +++								
TW-10	2-3'	1.5	<25	<25	**460+++**	<25	<25	ND
TW-10	4-5'	1.5	<25	<25	**510+++**	<25	<25	ND
TW-10	8-9'	3.1	<25	<25	**140+++**	<25	<25	ND
TW-11	2-3'	1.5	<25	<25	**450+++**	<25	<25	ND
TW-11	4-5'	1.5	<25	<25	**270+++**	<25	<25	ND
TW-11	7-8'	1.5	<25	<25	**300+++**	<25	<25	ND
TW-12	2-3'	1.5	<25	<25	**440+++**	<25	<25	ND
TW-12	4-5'	1.5	<25	<25	**190+++**	<25	<25	ND
TW-12	7-8'	1.5	<25	<25	**260+++**	<25	<25	ND
TW-13	2-3'	1.5	<25	<25	**270+++**	<25	<25	ND
TW-13	4-5'	1.5	<26	<26	**160+++**	<26	<26	ND
Methanol Blank			<25	<25	**380+++**	<25	<25	ND

Note: **+++** At least some PCE contamination in soil samples collected August 7, 2006 is the result of cross-contamination. According to Pace Analytical it is likely the PCE is from the sample bottle used (provided by laboratory). Results for all other parameters can be considered valid. See lab report.

TABLE 2

INVESTIGATIVE SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS

Former Express Cleaners, Brookfield, WI

Sample ID	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)	Other Compounds Detected? (ug/kg)
SITE INVESTIGATION SAMPLES COLLECTED AUGUST 25, 2006								
B-14	1.75-2'	0.0	<26	<26	<26	<26	<26	ND
B-15	1.75-2'	1.0	<26	<26	**57**	<26	<26	ND
B-16	1.5'	0.0	<25	<25	**32**	<25	<25	ND
B-17	2'	0.0	<25	<25	**40**	<25	<25	ND
B-18	1.5'	0.0	<25	<25	**36**	<25	<25	ND
MeOH Blank			<25	<25	<25	<25	<25	ND
RR-682 Residual Contaminant Levels			27	98	4.1	3.7	0.1	
RR-682 SSL Soil Ingestion Non-Industrial			156000	313000	1230	160	42.6	

Notes: *ND= Not detected* *NS = No standard established* *NC= Standard not calculated*

BOLD *indicates exceedance of residual contaminant level for migration to groundwater.*

LEGEND

HAB-1 / B-2 ● SOIL BORING LOCATION

GP-1 ⊕ PHASE II TEMPORARY WELL LOCATION (ABANDONED)

TW-3 ⊕ TEMPORARY WELL LOCATION

4.5-5.5' SOIL SAMPLE DEPTH AND
PCE=350 TETRACHLOROETHYLENE CONCENTRATION (ug/kg)
BOLD INDICATES EXCEEDANCE OF RESIDUAL CLEANUP LEVEL
ONLY DETECTED COMPOUNDS REPORTED

SOIL SAMPLE DATA FROM 9/11/06 NOT POSTED AS THE LAB CONTAMINATED THE SAMPLES WITH PCE

--------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

-N-

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1

SIDEWALK (under canopy)

SUITE 12

TW-12

TW-3 2-3' PCE=<26 7-8' PCE=<25

TW-13

B-14 1.75-2' PCE=<26

INFERRED AREA OF CONTAMINATED SOIL

EXPRESS CLEANERS SUITE 10

B-16 1.5' PCE=57

2' PCE=1100 4.5' PCE=660 HAB-5

B-2 4-5' PCE=100

SUITE 8

B-9 3-4' PCE=820

HAB-1 1.5' PCE=440

4.5' PCE=<25

HAB-3

TW-1 2-3' PCE=<26

TW-7 2-3' PCE=270 7-8' PCE=250

TW-11 B-17 2' PCE=40

B-5

HAB-4 2' PCE=740 5' PCE=400

TW-4 2-3' PCE=600 7-8' PCE=<30 15-16' PCE=<30

B-8 4.5-5.5' PCE=350

B-15 1.75-2' PCE=32

SANITARY SEWER & WATER LINES

B-18 1.5' PCE=36

TW-10

TW-6 2-3' PCE=110 7-8' PCE=<25

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

Gas service goes up interior wall and into ceiling.

GP-2

G

ASPHALT DRIVE

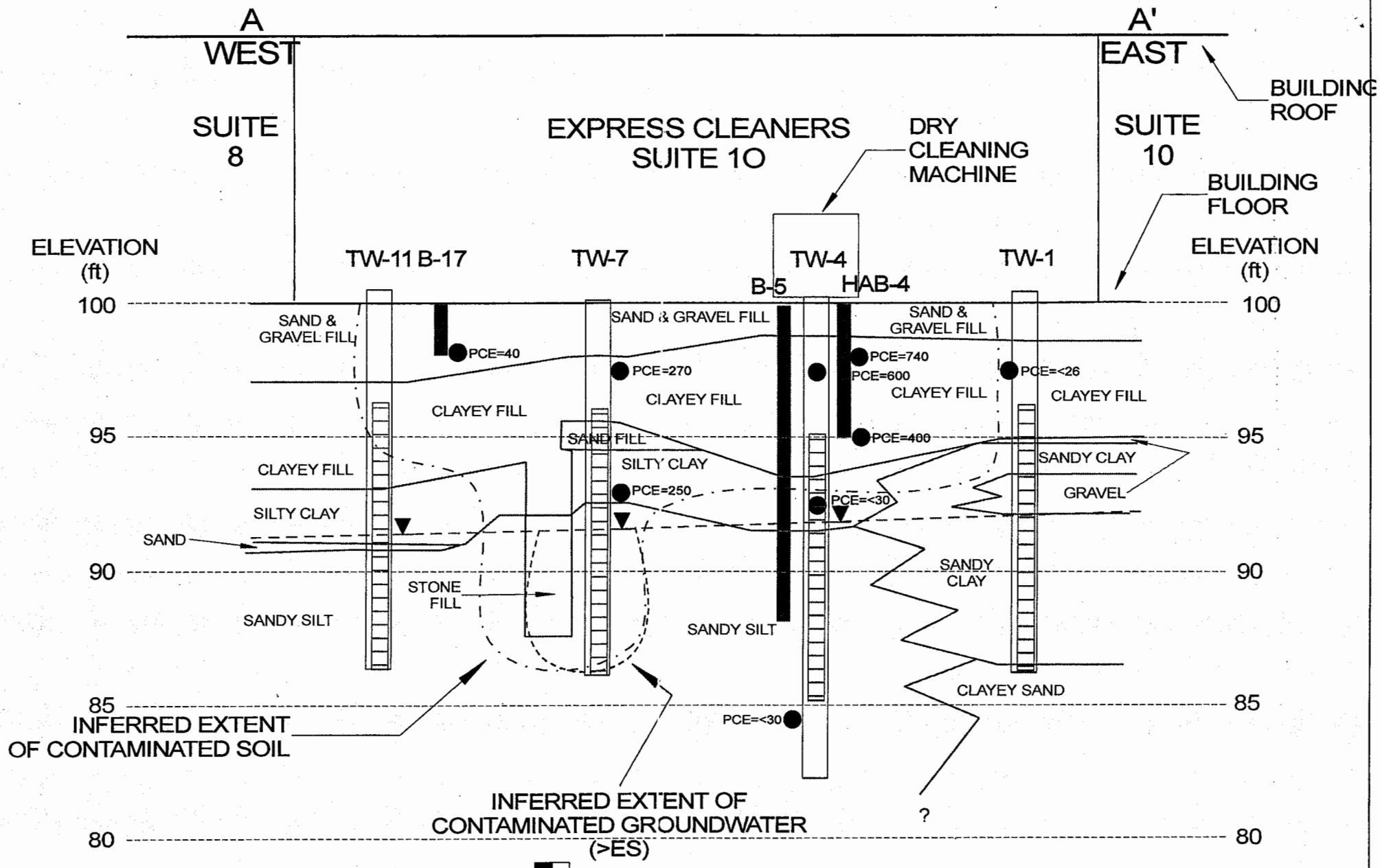
TITLE: SOIL SAMPLE ANALYTICAL RESULTS (PRE-REMEDIATION)

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY AH	FIGURE 9



LEGEND

- ▼ STATIC WATER LEVEL - SEPTEMBER 11, 2006
- SOIL SAMPLE LOCATION
- PCE=450 TETRACHLOROETHYLENE CONCENTRATION (ppb) IN SOIL

VERTICAL SCALE 1"=5'

0 5 10

HORIZONTAL SCALE 1"=10'

TITLE: WEST-EAST CROSS SECTION A-A' PRE-REMEDIATION

SITE: FORMER EXPRESS CLEANERS BROOKFIELD, WI

SCALE: HORIZONTAL 1"=10': VERTICAL 1"=5'

ALPHA TERRA SCIENCE

DATE: 10/17/06

file ref: pre-rem express a-a'

DRAWN BY: AH

FIGURE 5

SECTION D

SOIL REMEDIATION INFORMATION

Map of soil remediation area/ sample locations
Soil Disposal Documentation
SSRCL Calculations/ Documentation
Post-remedial geologic cross-section

VEOLIA
ENVIRONMENTAL SERVICES

Veolia ES Emerald Park Landfill, LLC.

W124 S10629 S. 124th St.
Muskego, WI 53150
Phone: (414) 529-1360
Fax: (414) 529-1478

INVOICE

TO

Bluemound Plaza
P O Box 61
Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	1
DATE	Sep-25 06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798347	0 24.99 TN	$449.82
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798351	0 23.14 TN	$416.52
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798408	0 24.22 TN	$435.96
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798418	0 23.33 TN	$419.94
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798471	0 22.92 TN	$412.56
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798489	0 23.99 TN	$431.82
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798551	0 23.30 TN	$419.40
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 798562	0 23.06 TN	$415.08
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798608	0 24.08 TN	$433.44

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice
Payments received after invoice date are not reflected
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

Account Status

TOTAL THIS INVOICE

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS

PLEASE PAY THIS AMOUNT

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.	
PAGE	
DATE	
CUSTOMER NO.	
SITE NO.	
REFERENCE NO.	

Veolia ES Emerald Park Landfill, LLC.

W124 S10629 S. 124th St.
Muskego, WI 53150
Tel: (414) 529-1360
Fax: (414) 529-1478

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS: Prompt payment of your account is appreciated
Thank you Veolia ES Emerald Park Landfill, LLC

VEOLIA
ENVIRONMENTAL SERVICES

Veolia ES Emerald Park Landfill, LLC.
W124 S10629 S. 124th St.
Muskego, WI 53150
Phone: (414) 529-1360
Fax: (414) 529-1478

INVOICE

TO

Bluemound Plaza
P.O. Box 61
Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	2
DATE	Sep-25-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798618	0 23.46 TN	$422.28
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798649	0 25.19 TN	$453.42
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798659	0 23.08 TN	$415.44
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798695	0 23.95 TN	$431.10
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798707	0 23.33 TN	$419.94
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798739	0 22.10 TN	$397.80
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798752	0 22.82 TN	$410.76
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798800	0 23.32 TN	$419.76
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798813	0 22.51 TN	$405.18

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

Account Status

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS

TOTAL
THIS INVOICE

PLEASE PAY THIS AMOUNT

We reserve the right to suspend service without notice on any past due account.

Please remit to:

Veolia ES Emerald Park Landfill, LLC.

W124 S10629 S. 124th St.
Muskego, WI 53150
Tel: (414) 529-1360
Fax: (414) 529-1478

INVOICE NO.	
PAGE	
DATE	
CUSTOMER NO.	
SITE NO.	
REFERENCE NO.	

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS Prompt payment of your account is appreciated

Thank you. Veolia ES Emerald Park Landfill, LLC.

VEOLIA
ENVIRONMENTAL SERVICES

Veolia ES Emerald Park Landfill, LLC.

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Muskego, WI 53150
Phone: (414) 529-1360
Fax: (414) 529-1478

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Elm Grove, WI 53122

INVOICE NO.	009633
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CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.		AMOUNT
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 798849 0	23.63	TN	$425.34
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 798866 0	23.48	TN	$422.64
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 799329 0	24.42	TN	$439.56
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799352 0	24.07	TN	$433.26
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 799396 0	22.73	TN	$409.14
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799445 0	26.01	TN	$468.18
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799459 0	25.27	TN	$454.86
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 799514 0	25.01	TN	$450.18
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799582 0	25.60	TN	$460.80

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Account Status

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Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	4
DATE	Sep-25-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W Bluemound R	$18.00 F1 - 799613 0	24.88 TN	$447.84
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799671 0	24.79 TN	$446.22
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799747 0	24.80 TN	$446.40
20 Sep	C1	37A C-Soil,Non Pet Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799801 0	24.78 TN	$446.04
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799923 0	25.86 TN	$465.48
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800013 0	25.68 TN	$462.24
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800085 0	24.23 TN	$436.14
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800165 0	23.38 TN	$420.84
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800248 0	23.50 TN	$423.00

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PAGE
DATE
CUSTOMER NO.
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INVOICE

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Bluemound Plaza
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Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	5
DATE	Sep-25-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
22 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800353	0 23.91 TN	$430.38
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800615	0 24.81 TN	$446.58
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800690	0 25.56 TN	$460.08
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800778	0 20.35 TN	$366.30
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800876	0 25.39 TN	$457.02
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800993	0 25.21 TN	$453.78

Account Status

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CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
$18,182.52	$0.00	$0.00	$0.00

TOTAL THIS INVOICE $18,182.52

PLEASE PAY THIS AMOUNT $18,182.52

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INVOICE NO.	009633
PAGE	5
DATE	Sep-25-06
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INVOICE

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INVOICE NO.	009700
PAGE	1
DATE	Oct-10-06
CUSTOMER NO.	000041
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
26 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801105 0	25.77 TN	$463.86
26 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801175 0	22.54 TN	$405.72
26 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801266 0	25.36 TN	$456.48
26 Sep	C1	37A C-Soil,Non Pet Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801393 0	24.16 TN	$434.88
27 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801741 0	28.96 TN	$521.28
27 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801764 0	23.07 TN	$415.26
28 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801882 0	25.66 TN	$461.88
28 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 802037 0	23.14 TN	$416.52
03 Oct	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 802022 0	16.77 TN	$301.86

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INVOICE

TO:

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P O Box 61
Elm Grove, WI 53122

C

INVOICE NO.	009700
PAGE	2
DATE	Oct-10-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT

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Account Status

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
$22,060.26	$0.00	$0.00	$0.00

TOTAL THIS INVOICE $3,877.74

PLEASE PAY THIS AMOUNT $22,060.26

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INVOICE NO.	009700
PAGE	2
DATE	Oct-10-06
CUSTOMER NO.	000841
SITE NO.	0000
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1255.57 tons

Waste and Cleanup Risk Assessment Home
Basic Information
Where You Live
Waste and Cleanup Programs' Risk Assessment
Risk Assessment Topics
Policy Guidance
Databases and Tools
Alphabetical List of Documents
Frequent Questions
Related Links
Glossary
Site Map

Soil Screening Guidance Calculator

Equation Values for Soil to Ground Water

carcinogenic

Partitioning Equation Parameter	Value
Dilution factor (unitless)	2
Fraction organic carbon in soil (unitless)	0.001
Water-filled soil porosity (L_{water}/L_{soil})	0.2
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Dichloroethylene, 1,2-cis-	156592	1.4E-01	MCLG	2.7E-02
Tetrachloroethylene	127184	1.0E-02	MCL	4.1E-03
Trichloroethylene	79016	1.0E-02	MCL	3.7E-03

*Ground Water Concentration=Ground Water Concentration Source × Dilution Factor

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ES = MCLG / MCL SSL's ok

Last updated on Thursday, October 12th, 2006
URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

U.S. Environmental Protection Agency

Waste and Cleanup Risk Assessment

Soil Screening Guidance Calculator

Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value
Dilution factor (unitless)	4
Fraction organic carbon in soil (unitless)	0.001
Water-filled soil porosity (L_{water}/L_{soil})	0.2
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

non-carcinogenic

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Dichloroethylene, 1,2-trans-	156605	4.0E-01	MCLG	9.8E-02

*Ground Water Concentration=Ground Water Concentration Source × Dilution Factor

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SL = MCLG, treat as non-carcinogen

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URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

SSL = 20 x PAL or less - OK

U.S. Environmental Protection Agency

Waste and Cleanup Risk Assessment

Soil Screening Guidance Calculator

Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value
Dilution factor (unitless)	0.2
Fraction organic carbon in soil (unitless)	0.001
Water-filled soil porosity (L_{water}/L_{soil})	0.2
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Vinyl Chloride	75014	4.0E-04	MCL	1.3E-04

*Ground Water Concentration=Ground Water Concentration Source × Dilution Factor

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URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

Vinyl chloride ES ≠ MCL

MCL 10X higher than ES
reduce dilution factor by 10X

U.S. Environmental Protection Agency

Waste and Cleanup Risk Assessment

Soil Screening Guidance Calculator

Non-industrial Property

Equation Values for Ingestion

Noncarcinogenic Parameter	Value	Carcinogenic Age-adjusted Parameter	Value	Carcinogenic Nonadjusted Parameter	Value
Target Hazard Quotient (unitless)	0.2	Target Risk (unitless)	1.0E-7	Target Risk (unitless)	1.0E-6
Body Weight (kg)	15	Adult Body Weight (kg)	70	Body Weight (kg)	70
		Child Body Weight (kg)	15		
Exposure Duration (yr)	6	Adult Exposure Duration (yr)	24	Exposure Duration (yr)	25
		Child Exposure Duration (yr)	6		
Exposure Frequency (day/yr)	350	Exposure Frequency (day/yr)	350	Exposure Frequency (day/yr)	250
Intake Rate (mg/day)	200	Adult Intake Rate (mg/day)	100	Intake Rate (mg/day)	50
		Child Intake Rate (mg/day)	200		
		Average Lifetime (yr)	70	Average Lifetime (yr)	70
		Age-adjusted Ingestion Factor (mg-yr/kg-day)	114.29		

Soil Screening Levels for Ingestion (mg/kg)

Analyte	Cas Number	Oral RfD	Oral Slope Factor	Noncarcinogenic	Carcinogenic (Age-adjusted)	Carcinogenic (Nonadjusted)
Dichloroethylene, 1,2-cis-	156592	1.00E-02 [b]		1.56E+02		
Dichloroethylene, 1,2-trans-	156605	2.00E-02 [a]		3.13E+02		
Tetrachloroethylene	127184	1.00E-02 [a]	5.20E-02 [v]	1.56E+02	1.23E+00	1.10E+02
Trichloroethylene	79016	3.00E-04 [v]	4.00E-01 [v]	4.69E+00	1.60E-01	1.43E+01
Vinyl Chloride	75014	3.00E-03 [a]	1.50E+00 [a]	4.69E+01	4.26E-02	3.82E+00

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URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

LEGEND

GP-1 ● PHASE II TEMPORARY WELL LOCATION (ABANDONED)

27 X EXCAVATION SOIL SAMPLE LOCATION

2.5' SOIL SAMPLE DEPTH AND
PCE=120 TETRACHLOROETHYLENE CONCENTRATION (ug/kg)
TCE=95 TRICHLOROETHYLENE CONCENTRATION (ug/kg)
BOLD INDICATES EXCEEDANCE OF RESIDUAL CLEANUP LEVEL

ONLY DETECTED COMPOUNDS REPORTED

--------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

-N-

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1

SIDEWALK (under canopy)

SUITE 12

SUITE 8

EXPRESS CLEANERS SUITE 10

DEPTH =5.5'

DEPTH =7'

DEPTH =13.75'

D=11'

DRY CLEANING MACHINE / STAINED FLOOR

EXCAVATION LIMITS

SANITARY SEWER & WATER LINES

SS & W

Gas service goes up interior wall and into ceiling.

GP-2

ASPHALT DRIVE

46 2.5' PCE=<23	47 2.5' PCE=<23	48 5.5' PCE=<27	40 2.5' PCE=40
17 2.5' PCE=25	27 5.5' PCE=<29	18 2.5' PCE=110	TW-3 2-3' PCE=<26 7-8' PCE=<25
B-14 1.75-2' PCE=<26	6 2.5' PCE=40	7 2.5' PCE=180	8 2.5' PCE=250
16 2.5' PCE=<24	14 7' PCE=<27	5 5.5' PCE=<27	30 & 31 7' PCE=<31 11' PCE=<24
13 7' PCE=<26	9 2.5' PCE=92	TW-1 2-3' PCE=<26	32, 33 & 42 7' PCE=<32 11' PCE=<68 13.75' PCE=<22
28 & 29 7' PCE=<37 11' PCE=<23	3 2.5' PCE=60	36 11' PCE=<31	TW-4 7-8' PCE=<30 15-16' PCE=<30
5 2.5' PCE=<25	4 5.5' PCE=<23	34 & 35 7' PCE=<28 11' PCE=<23	11 5.5' PCE=89
10 2.5' PCE=50	21 7' PCE=<28	20 2.5' PCE=45	22 & 23 7' PCE=<30 11' PCE=<24
41 2.5' PCE=<26	2 2.5' PCE=<26	39 7' PCE=<28	37 TW-6 5.5' PCE=<24 7-8' PCE=<25
19 2.5' PCE=25	38 2.5' PCE=36	1 2.5' PCE=80	12 2.5' PCE=78
26 2.5' PCE=<26	51 2.5' PCE=<25 TCE=<25	49 2.5' PCE=35	24 2.5' PCE=91
25 2.5 PCE=<23	43 2.5' PCE=<27	45 7' PCE=<28	44 2.5' PCE=<24
50 2.5' PCE=35 TCE=44			

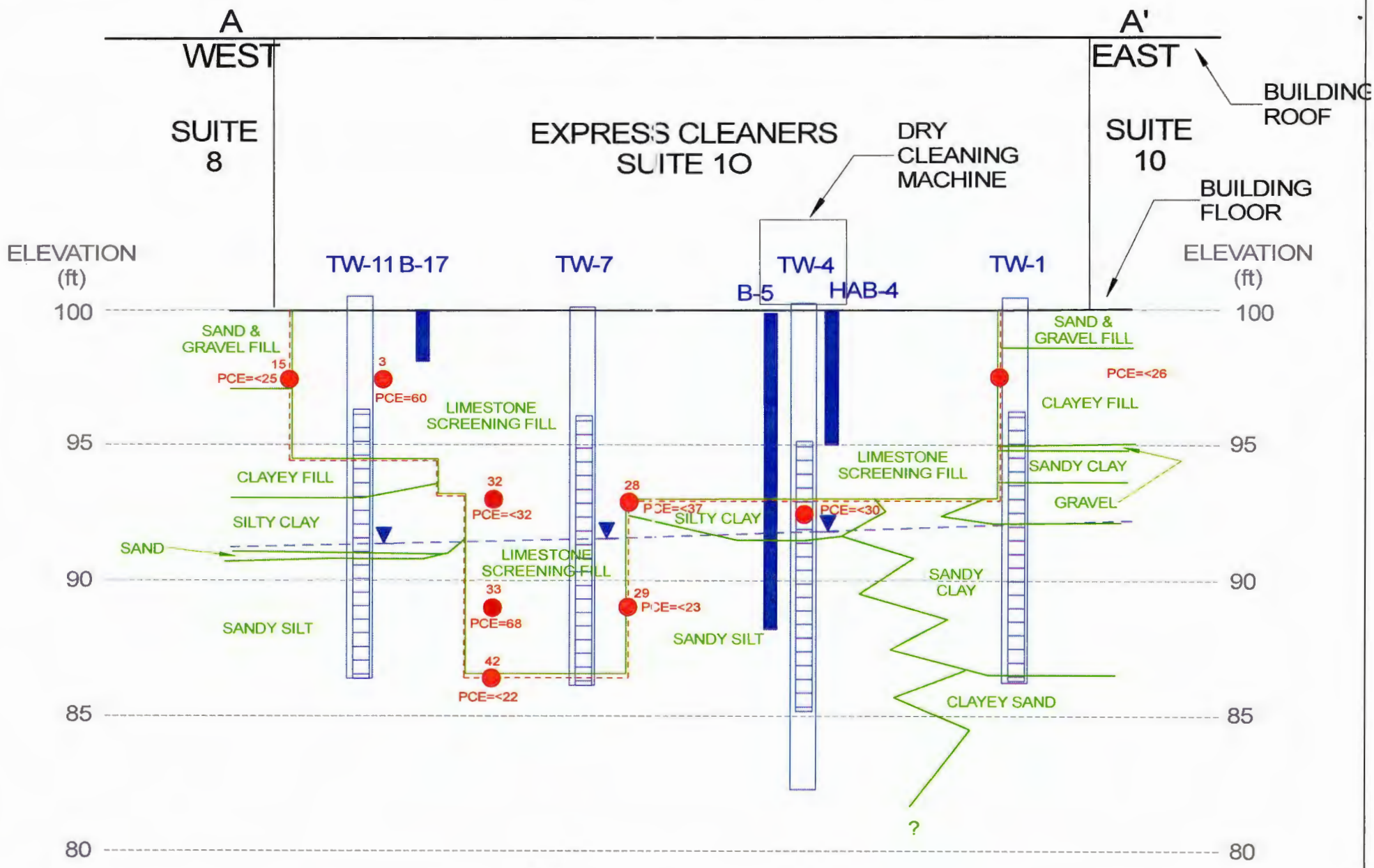
TITLE: EXCAVATION LIMITS, SOIL SAMPLE LOCATIONS & ANALYTICAL RESULTS

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY AH	FIGURE 11



LEGEND

- STATIC WATER LEVEL - SEPTEMBER 11, 2006
- SOIL SAMPLE LOCATION
- PCE=45 TETRACHLOROETHYLENE CONCENTRATION (ppb) IN SOIL

VERTICAL SCALE 1"=5'

0 5 10

HORIZONTAL SCALE 1"=10'

TITLE: WEST-EAST CROSS SECTION A-A' PRE-REMEDIATION

SITE: FORMER EXPRESS CLEANERS BROOKFIELD, WI

SCALE: HORIZONTAL 1"=10': VERTICAL 1"=5'

ALPHA TERRA SCIENCE

DATE: 10/17/06

DRAWN BY: AH

file ref: post-rem express a-a'

FIGURE 12

SECTION E

GROUNDWATER INFORMATION

Historical groundwater chemistry data tables
Map with extent of contamination
Groundwater flow direction maps
Historical groundwater elevation table

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS
Former Express Cleaners, Brookfield, WI

Sample ID	Sample Date	Static Water Level (ft. MSL)	ANALYTICAL PARAMETER cis-1,2 DCE c-DCE (ug/l)	trans-1,2 DCE t-DCE (ug/l)	Tetrachloroethene PCE (ug/l)	Trichloroethene TCE (ug/l)	Vinyl Chloride VC (ug/l)
GP-1	11/21/05	---	<0.83	<0.89	<0.45	<0.48	<0.18
GP-2	11/21/05	---	<0.83	<0.89	<0.45	<0.48	<0.18
TW-1	7/10/06	92.01	<0.83	<0.89	0.49	<0.48	<0.18
TW-3	7/10/06	91.66	<0.83	<0.89	<0.45	<0.48	<0.18
TW-4	7/10/06	91.72	<0.83	<0.89	**0.55**	<0.48	<0.18
TW-4	9/11/06	91.72	<0.83	<0.89	**3.8**	<0.48	<0.18
TW-6	7/10/06	91.59	<0.83	<0.89	<0.45	<0.48	<0.18
TW-6	9/11/06	91.54	<0.83	<0.89	**0.96**	<0.48	<0.18
TW-7	7/10/06	91.48	**13**	<0.89	**13**	**10**	<0.18
TW-7	9/11/06	91.51	**17**	<0.89	**8.9**	**7.7**	<0.18
TW-10	8/7/06	91.96	<0.83	<0.89	<0.45	<0.48	<0.18
TW-10	9/11/06	91.50	<0.83	<0.89	**1.0**	<0.48	<0.18
TW-11	8/7/06	91.49	<0.83	<0.89	<0.45	<0.48	<0.18
TW-11	9/11/06	91.35	<0.83	<0.89	<0.45	<0.48	<0.18
TW-12	8/7/06	91.28	<0.83	<0.89	<0.45	<0.48	<0.18
TW-12	9/11/06	91.31	<0.83	<0.89	<0.45	<0.48	<0.18
TW-13	8/7/06	91.94	<0.83	<0.89	<0.45	<0.48	<0.18
TW-13	9/11/06	91.89	<0.83	<0.89	<0.45	<0.48	<0.18
NR 140.10 Preventive Action Limit			7	20	0.5	0.5	0.02
NR 140.10 Enforcement Standard			70	100	5	5	0.2

Notes: ***BOLD*** *value indicates exceedance of NR 140.10 Preventative Action Limit*
BOLD *value indicates exceedance of NR 140.10 Enforcement Standard*

LEGEND

GP-1 ● PHASE II TEMPORARY WELL LOCATION (ABANDONED)

TW-3 ⊕ TEMPORARY WELL LOCATION

PCE=35 TETRACHLOROETHYLENE CONCENTRATION (ug/l)
TCE=5 TRICHLOROETHYLENE CONCENTRATION (ug/l)
C-DCE=10 CIS-1,2 DICHLOROETHYLENE CONCENTRATION (ug/l)
BOLD INDICATES EXCEEDANCE OF NR 141 PAL

ONLY DETECTED COMPOUNDS REPORTED

---------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

-N-

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1
Data from 11/21/05
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

SIDEWALK (under canopy)

SUITE 12

INFERRED AREA OF CONTAMINATED GROUNDWATER (> ENFORCEMENT STANDARD)

TW-12
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

TW-3
Data from 7/10/06
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

TW-13
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

EXPRESS CLEANERS SUITE 10

INFERRED AREA OF CONTAMINATED GROUNDWATER (> PREVENTIVE ACTION LIMIT)

SUITE 8

TW-7
PCE=8.9
TCE=7.7
C-DCE=17

TW-11
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

TW-4
PCE=3.8
TCE=<0.48
C-DCE=<0.83

TW-1
Data from 7/10/06
PCE=0.49
TCE=<0.48
C-DCE=<0.83

SANITARY SEWER & WATER LINES

TW-10
PCE=1.0
TCE=<0.48
C-DCE=<0.83

TW-6
PCE=0.96
TCE=<0.48
C-DCE=<0.83

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

Gas service goes up interior wall and into ceiling.

GP-2
Data from 11/21/05
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

ASPHALT DRIVE

TITLE: GROUNDWATER SAMPLE ANALYTICAL RESULTS (PRE-REMEDIATION)		
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI		
SCALE: 1"= 10 FEET	DESCRIPTION	APPVD
DATE: 6/15/06	FILE CODE: enlarge express site map.skf	
DRAWN BY: AH	FIGURE 10	

ALPHA TERRA SCIENCE

LEGEND

TW-3 ⊕ TEMPORARY WELL LOCATION

91.54 GROUNDWATER ELEVATION

← GROUNDWATER FLOW DIRECTION

--------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

N

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

SIDEWALK (under canopy)

SUITE 12

TW-12

TW-3 91.66

TW-13

91.6

91.7

91.8

91.9

EXPRESS CLEANERS SUITE 10

GROUNDWATER FLOW DIRECTION

SUITE 8

91.5

TW-7 91.48

91.5

TW-11

TW-1 92.01

92.0

TW-4 91.72

91.9

91.8

SANITARY SEWER & WATER LINES

TW-10

TW-6 91.59

91.7

91.6

SS & W

SS & W

SS & W

SS & W

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

W

SS

SS SS

Gas service goes up interior wall and into ceiling.

G

G

ASPHALT DRIVE

TITLE:
GROUNDWATER CONTOUR MAP
JULY 10, 2006

SITE:
FORMER EXPRESS CLEANERS
BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY AH	FIGURE 6

LEGEND

TW-3 ⊕ TEMPORARY WELL LOCATION

91.54 GROUNDWATER ELEVATION

← GROUNDWATER FLOW DIRECTION

---------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

N

SUITE 14

ASPHALT DRIVE
AND PARKING

10 5 0 10

SCALE = 1"=10'

SIDEWALK
(under canopy)

SUITE 12

SUITE
8

EXPRESS
CLEANERS
SUITE 10

91.4 91.5 91.6 91.7 91.8

TW-12
91.31

TW-3

TW-13
91.89

91.8

TW-11
91.35

TW-7
91.51

91.7 TW-1

TW-4
91.72

91.6

91.4

SANITARY SEWER
& WATER LINES

TW-10
91.50

TW-6
91.54

91.5

SS & W SS & W SS & W SS & W SS & W

DRY CLEANING
MACHINE AND
STAINED FLOOR

W
SS
SS SS

Gas service goes up
interior wall and into ceiling.

G
G

ASPHALT DRIVE

TITLE:
GROUNDWATER CONTOUR MAP
SEPTEMBER 11, 2006

SITE:
FORMER EXPRESS CLEANERS
BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA
SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY: AH	FIGURE 7

TABLE 1
GROUNDWATER ELEVATION DATA
Former Express Cleaners, Brookfield, WI

Well Identification	TW-1	TW-3	TW-4	TW-6	TW-7
Ground Surface Elevation	100.12	100.11	99.96	99.96	99.95
Top of Casing Elevation	100.15	100.15	100.07	100.03	100.01

Well Identification	TW-10	TW-11	TW-12	TW-13
Ground Surface Elevation	99.94	99.96	99.94	100.07
Top of Casing Elevation	100.05	100.17	100.19	100.32

	TW-1		TW-3		TW-4	
Date	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.
7/10/06	8.14	92.01	8.49	91.66	8.35	91.72
8/7/06	8.12	92.03	8.51	91.64	8.32	91.75
9/11/06	WELL DAMAGED		WELL DAMAGED		8.35	91.72

	TW-6		TW-7		TW-10	
Date	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Groundwater Elev.
7/10/06	8.44	91.59	8.53	91.48	NOT INSTALLED	
8/7/06	8.45	91.58	8.47	91.54	8.09	91.96
9/11/06	8.49	91.54	8.50	91.51	8.55	91.50

	TW-11		TW-12		TW-13	
Date	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.
8/7/06	8.68	91.49	8.91	91.28	8.38	91.94
9/11/06	8.82	91.35	8.88	91.31	8.43	91.89

Notes: Survey is relative to a site benchmark assigned an elevation of 100 ft.

ALPHA TERRA
SCIENCE

October 26, 2006

Alpha Terra Science, Inc.
1237 S. Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
Website: www.alphaterra.net
E-mail: alphaterra@alphaterra.net

OCT 3 0 2006

Mr. Mark Drews
Wisconsin Dept. of Natural Resources
141 NW Barstow
Waukesha, WI 53188

RE: Site Investigation and Remedial Action Report for (former) Express Cleaners, 19555 W. Bluemound Rd, Brookfield, WI
WDNR File Reference # 02-68-544712 FID #: 268506040

Dear Mr. Drews,

Enclosed please find the combined Site Investigation and Remedial Action Report for the Former Express Cleaners property. Investigative procedures and results are included in this report, in addition to complete documentation of remediation activities that were conducted this fall.

At this time we are also requesting site closure so a Case Summary Form has also been completed. A check $750 to cover the closure review fee is also enclosed.

If you have any questions or comments, please do not hesitate to call.

Sincerely,

Amy Haak

Amy Haak, P. G.
Geologist

enclosures (3)

cc: Mr. Timothy Timmerman III, Bluemound Plaza, LLC.
Mr. Don Gallo, Reinhardt, Boerner, Van Deuren, P. O. Box 2265, Waukesha, WI 53187-2265

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ALPHA TERRA
SCIENCE

Site Investigation & Remedial Action Report

for

Former Express Cleaners
19555 W. Bluemound Road
Suite 10
Brookfield, Wisconsin

WDNR BRRTS #: 02-68-544712
FID #: 268506040

Prepared For:

Mr. Timothy Timmerman
Bluemound Plaza, LLC.

October 26, 2006

ALPHA TERRA SCIENCE, INC.

1237 S. Pilgrim Road
Plymouth, WI 53073
TEL (920) 892-2444
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1642 County Road O
Mosinee, WI 54455
TEL (715) 457-2944
FAX (715) 457-6663

I, Amy Haak, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (3), Wis. Adm. Code, and that, to best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Amy Haak
Amy Haak, P. G.

10/26/06
Date

OCT 30 2006

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APPENDICIES

EXECUTIVE SUMMARY

Express Cleaners vacated Suite 10 of the Bluemound Plaza retail center located at 19555 W. Bluemound Road in 2005. A drycleaners was housed at this location for at least 16 years. There was evidence of spillage and staining of drycleaning chemicals on the concrete floor of the suite and the presence of tetrachloroethylene (PCE) was detected in preliminary soil sampling conducted in the fall of 2005.

In January of 2006 the Wisconsin Department of Natural Resources issued a letter stating an investigation was necessary to determine the extent of contamination in the soil and groundwater. Alpha Terra Science was retained to conduct investigation activities, and initial soil borings and temporary wells were installed in June of 2006. The extent of contamination in the soil and groundwater remained undefined and a second round of drilling was conducted in August 2006. All investigative drilling was conducted within tenant Suites 10 and 12 of Bluemound Plaza. A summary of investigation activities follows:

- The concrete building slab was placed on a bed of sand and gravel generally about 1.5 feet thick. Additional fill that is clayey in nature underlies the sand and gravel. The clayey fill contains rocks that are cobble- to boulder-sized, and extends to an approximate depth of seven feet below land surface (bls). Dark brown to black silty clay soils represent the former topsoil layer at the site. Underlying soils include sandy silts, sandy clay and clayey sands with occasional thin sand or gravel lenses.

- Groundwater stabilized at depths between eight and nine feet in the temporary monitoring wells. Horizontal groundwater flow generally to the west, with an approximate gradient of 0.017 ft/ft. The hydraulic conductivity of the silty clay soils is likely in the range of 1 X 10^{-6} cm/sec; the conductivity of the sandy silt and sandy clay layers would be higher, on the order of 1 X 10^{-4} to 1 X 10^{-6} cm/sec

- PCE, the drycleaning solvent that was used by the cleaners, was the only contaminant detected in any of the soil samples collected during investigation activates.

- PCE was detected in water samples from five wells (TW-1, TW-4, TW-6, TW-7 and TW-10), but PCE concentrations in excess of the enforcement standard (ES) of 5 ug/l were only detected in samples from well TW-7. Daughter products TCE and c-DCE were detected in the groundwater sample from well TW-7, but only TCE was present at a concentration above its ES. These PCE breakdown products were not detected in any of the other groundwater samples. The extent of groundwater contamination was confined to the area underneath the building.

- Two sub-slab vapor probes were installed; one (VP-1) in the immediate vicinity of the former drycleaning machine and the other (VP-2) in the adjacent tenant suite to the east. Vapor samples collected from each location were analyzed for chlorinated volatile

organic compounds and PCE was the only contaminant detected in the vapor samples. The PCE concentration in vapors from probe VP-1 was 280 parts per billing by volume. The PCE vapor concentration from probe VP-2 was lower at 29 parts per billion by volume.

Bluemound Plaza had a tenant interested in leasing Suite 10, so remediation in the quickest manner was desired. Due to the laboratory contamination of soil samples, the extent of soil contaminated with PCE was not entirely defined, but PCE concentrations in most of the soils were rather low (<60 ug/kg). The extent of PCE-impacted groundwater had been defined and was localized to the area under the tenant suite. As one of Bluemound Plaza's objectives was to complete cleanup activities in a very short timeframe, excavation of PCE-impacted soil was chosen as the remedial method.

- Soil excavation activities were conducted September 13 through October 3 by Vogt Excavating. The concrete floor and walls between tenant suites were removed as necessary so contaminated soil could be accessed for remediation. Excavation was conducted using a mini-excavator and skid loader.

- Concrete from the area under and around the drycleaning machine location was disposed of at Emerald Park Landfill (approximately 5 tons). Concrete from other areas was hauled to a crushing plant where it would be recycled in new concrete.

- As excavation proceeded, sidewall and bottom soil samples were collected at intervals of approximately 20-25 feet. Most sidewall samples were collected from a depth of approximately 2.5 feet as representative of the most impacted zone identified during investigative activities. In deeper parts of the excavation, samples from depths of 7 and 11 feet were also collected as supplemental sidewall samples. Final excavation depths ranged from 5.5 to 13.75 feet deep.

- The soil samples were submitted for laboratory analysis for chlorinated volatile organic compounds (CVOC) on a quick turn-around basis. If laboratory results indicated any of the CVOC compounds were present the excavation was expanded outward. If none of the CVOCs were detected further excavation was not conducted. To document removal of contaminants 51 soil samples were collected from the perimeter of the excavation. Lab data from borings advanced as part of the investigation were used to define excavation limits in conjunction with data obtained during remediation activities. PCE, nor any other CVOC, was detected in any of the final perimeter samples, so the soil at the site can be considered fully remediated.

- A total of 1255.57 tons of contaminated soil and concrete were removed during cleanup efforts.

- Following receipt of favorable soil sample results, limestone screenings were placed in the excavation in nine- to twelve-inch lifts and compacted using a vibrating roller or a

walk behind vibrating compactor. The excavation was backfilled to a level even with the base of the surrounding concrete floor.

At this time site closure is requested with no property restrictions or GIS registry listings as the site should qualify for closure with no residual contamination. All soil with detectable amounts of contamination was removed from the Express Cleaners site during excavation activities. Additionally, excavation continued beneath the water table in the area of well TW-7 where PCE and TCE concentrations in the groundwater slightly exceeded enforcement standards (8.9 and 7.7 ug/l respectively) prior to remediation. Six soil samples from the saturated zone in this area were collected and none of them contained detectable amounts of PCE or TCE, indicating remediation is complete in the saturated zone. Groundwater contaminant levels did not exceed enforcement standards at any other locations. Soil and groundwater remediation can be considered complete at the site.

1.0 INTRODUCTION AND BACKGROUND

Express Cleaners vacated Suite 10 of the Bluemound Plaza retail center located at 19555 W. Bluemound Road in 2005. A drycleaners was housed at this location for at least 16 years. There was evidence of spillage and staining of drycleaning chemicals on the concrete floor of the suite and the presence of tetrachloroethylene (PCE) was detected in preliminary soil sampling conducted in the fall of 2005.

To remain in compliance with Wisconsin Department of Natural Resources (DNR) regulations, an investigation was necessary to define the extent of PCE contamination in the site soil and groundwater related to a release during operations at the Express Cleaners. Site conditions needed to be adequately characterized so potential affects to human health and the environment could be assessed, along with and remedial action options.

Bluemound Plaza, LLC., the property owner, had an additional agenda: to lease the tenant space as soon as possible. To make the investigation and remediation process as easy as possible Suites 8, 10 and 12 of the complex were left unoccupied for a few months to allow for completion of the investigation and remediation. However, unleased space is lost revenue, and Bluemound Plaza had leased Suite 10 to a tenant with an occupancy date of October 1, 2006. Fast-track completion of this project was vital.

This report provides documentation of site investigation and subsequent soil remediation activities conducted at the Former Express Cleaners site.

1.1 Responsible Party Information

Bluemound Plaza, LLC
P. O. Box 61
Elm Grove, WI 53122
Phone: 262/821-5750
Fax: 262/821-5735
Contacts: Mr. Hans Stute
Mr. Timothy Timmerman, III, Director of Operations

1.2 Consultant Information

Alpha Terra Science, Inc.
1237 S. Pilgrim Road
Plymouth, Wisconsin 53073
Phone: (920) 892-2444
Fax: (920) 892-2620
Contact: Amy Haak, P. G.

1.3 Legal Counsel

Mr. Don Gallo
Reinhart, Boerner, Van Deuren S. C..
P.O. Box 2265
Milwaukee, WI 53187-2265
Phone: 262/951-4555
Fax: 262/951-4690

1.4 Site Location

19555 W. Bluemound Road, Suite 10
Town of Brookfield, WI
SW ¼ , SE ¼ , Sec. 29., T7N, R20E
Waukesha County, WI (Figure 1)
WTM Coordinates: 670219, 286321

Express Cleaners was located in Suite 10 of Bluemound Plaza, a multi-tenant building located at the southeast corner of the intersection of North Janacek and West Bluemound Roads. The property is approximately 8.62 acres in size and either the building or associated parking areas cover the majority of the property. There are more than 20 different merchant tenant suites in the complex; two of the suites house large retail outlets, while the remaining suites, including Suite 10, are much smaller (Figure 2). Suite 10 is approximately 45 wide by 38 feet deep. Surrounding properties are commercial in nature.

1.5 Site History

Aerial photographs of the site and surrounding area were reviewed to learn more about the history of the property (Waukesha Co., 2006). In 1970 the area was very rural in nature. There was no development on the property, or in much of the surrounding area. A lumberyard was present on the site by 1980; a small building on the northwest part of the property was used for storing lumber and a larger, centrally located building served as the showroom, sales center, and offices. By 1989 the mall complex was expanded and the larger building was incorporated into the strip-mall complex as Suite 20; the other building was removed. Slab-on grade construction techniques were utilized during building.

Drycleaning has been conducted in Suite 10 since at least 1989 and the suite was vacated in 2005. The drycleaning machine was located along the eastern wall of Suite 10 and tetrachloroethene (PCE) was the cleaning solvent used in the machine (Figure 3). Waste PCE drums were reportedly stored behind the dry cleaning machine and 5-gallon containers used to store the dry cleaning filters were also stored in the same general area. The concrete floor around the former machine location shows signs of spills and staining. Cleaning solvents were brought into and out of the drycleaners through the back door.

Suite 10 remained vacant through September 2006. The space is now being prepared for occupancy by a new tenant.

2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

The concrete building slab was placed on a bed of sand and gravel generally about 1.5 feet thick. Additional fill that is clayey in nature underlies the sand and gravel. The clayey fill contains rocks that are cobble- to boulder-sized, and extends to an approximate depth of seven feet below land surface (bls). Dark brown to black silty clay soils represent the former topsoil layer at the site. Underlying soils include sandy silts, sandy clay and clayey sands with occasional thin (<2 feet thick) sand or gravel lenses (Figures 4 and 5).

Brookfield is located in an area that was covered by ice during the last period of glaciation. At least two different ice sheets have covered this area, the last of which advanced approximately 11,000 years ago, and they are largely responsible for shaping the topography of the landscape (SEWRPC, 2002). Based on records for the six wells in the municipal water system, unconsolidated glacial till deposits are approximately 100 to 170 feet thick in this area and overlie Silurian-aged dolomites. These dolomites are the uppermost bedrock aquifer in the region, and are the primary source of most domestic water supplies and many high capacity wells (SEWRPC, 2002). General groundwater flow direction in the dolomite bedrock unit is to the east (SEWRPC, 2002).

Groundwater stabilized at depths between eight and nine feet in the temporary monitoring wells (Table 1). Horizontal groundwater flow is generally to the west (Figures 6 and 7), with an approximate gradient of 0.017 ft/ft.

2.2 Receptors

Generally stated, a receptor is anything that can be adversely affected by an uncontrolled release of a hazardous substance. A discussion of common potential receptors identified at the site follows.

2.2.1 Man-made Receptors

Building
Slab-on-grade construction techniques were utilized when the building complex was erected. There is no basement under any part of the building. Sub-floor vapor monitoring was conducted to assess the amount of vapors that had accumulated under the concrete building floor. Vapor monitoring details are included in Section 3.4.3 of this report.

Utility Corridors as Receptors
Contaminants in vapor or liquid phases can accumulate in, or migrate along, underground pathways created by utility trenches or permeable soils. The fill material upon which the shopping center was built contains a significant amount of clay but also contains a lot of cobble- and boulder-sized rocks. The presence of these rocks could increase the overall permeability of the soil.

Water and sanitary sewer service lines run under the floor the length of the building (Figure 3). Located at a depth of 3 to 3.5 feet below grade, these lines are present above the water table and should not act as preferential conduits for dissolved contaminant migration. It would be possible for contaminants to travel along these lines in a vapor phase.

The gas utility service enters the building at the back of Suite 10 (Figure 2), but does not intersect documented areas of contamination and is unlikely to act as a conduit for contaminant migration. Once entering the building, gas is supplied to the different suites through piping that is located within the ceiling area. Electric service to the site is overhead.

2.2.2 Environmental Receptors

Soil
Tetrachloroethylene is the main contaminant detected in the soil at the Express Cleaners site. Trichloroethylene (TCE) was detected in one soil sample (#50) collected during remediation activities.

Groundwater
If contaminants are present in the soil in large enough quantities, groundwater contamination may result. PCE and TCE have been detected in groundwater samples collected from the site at concentrations slightly in excess of their respective NR 140.10 enforcement standard (ES); cis-1,2 dichloroethylene (c-DCE) was detected at concentrations above its NR 140.10 preventive action limit (PAL).

Natural Habitat
Poplar Creek is located about 1,500 feet west of the site and the Pewaukee River lies approximately 2,100 feet to the south (Figure 1). These streams, located within the Fox River Basin, are located well outside the documented groundwater contaminant plume and should not be adversely affected by the release at Express Cleaners. There are no outstanding resource waters adjacent to the site.

2.2.3 Human Receptors

Consumption of Contaminated Groundwater
The Town of Delavan Sanitary District #4 provides drinking water to the site and all immediately surrounding properties. Migration of contaminants to the groundwater is a

concern, as the source of all municipal water supplies in the area is groundwater. Municipal well #3 is the closest well to the Express Cleaners site. This well is located approximately 3000 feet southwest of the site and is completed at a depth of 370 feet. This and the other municipal wells do not draw water from the unconsolidated deposits that could be impacted as a result of the Express Cleaners release. The risk associated with this exposure pathway is negligible.

Potable water to two newer subdivisions located approximately ½ mile north and ½ mile southeast of the site is provided by private wells. Available well records for these wells were examined and all of the wells are completed in the dolomite aquifer. Due to the well depths and their distance from the release location, they should not be adversely impacted from the minor release at the Express Cleaners site.

Ingestion, Inhalation or Dermal Contact
The site is zoned for commercial use and human exposure to contaminants is limited to work hours. PCE concentrations in the soil do not exceed calculated non-industrial site ingestion standards (Table 2; Appendix D). The risk of dermal contact is less than the risk from ingestion for contaminants detected at the site so values for this exposure pathway have not been calculated. Additionally, the presence of concrete or asphalt covering areas of soil contamination will eliminate the dermal contact exposure pathway. Please refer to section 3.5.3 of this report for a discussion of inhalation risk.

3.0 SITE INVESTIGATION

3.1 Release Identification

Nova Consulting Group (NOVA) conducted initial site reconnaissance and environmental sampling in late 2005. Using a hand auger, NOVA advanced a boring (HAB-1) adjacent to the location of the former drycleaning machine and obtained a soil sample from a depth of 1.5 feet for laboratory testing (Figure 8). PCE was present in the soil sample at a concentration of 440 ug/kg. Additionally, two borings (GP-1 and GP-2) were advanced using a geoprobe, one in front and one in the rear of the building (Figure 8). Groundwater was encountered at a depth of approximately seven feet below grade while drilling and temporary monitoring wells were installed in these borings to facilitate collection of groundwater samples. No PCE was detected in either groundwater sample; soil samples were not collected from either of these locations.

Using a hand auger, three additional soil borings (Figure 8) were advanced near the drycleaning machine in December 2005 for purposes of additional delineation and to aid the DNR in determining if contaminant concentrations were high enough to warrant further investigation. Borelogs and laboratory analytical reports for work conducted by NOVA were included in Site Investigation Work Plan previously submitted for this site (ATS, June 2006).

On January 12, 2006, the WDNR issued a letter stating an investigation was necessary and BRRTS number 02-68-544712 was assigned to the site. In June of 2006, ATS was retained by Bluemound Plaza LLC to conduct necessary site investigation activities.

3.2 Methods of Investigation

3.2.1 Soil Borings and Monitoring Well Installation

On June 21, 2006, nine soil borings were drilled at the site (Figure 8) by Probe Technologies of Palmyra, Wisconsin, using direct-push drilling techniques. Entry into the former drycleaners was through a standard 3' wide by 7' high door, so use of a handcart-mounted rig was necessary to gain access to the area.

One boring (TW-4) was advanced adjacent to the location of the former drycleaning machine, where stained concrete was present. The remaining borings were positioned outward from the source location. The borings were advanced to depths ranging from eight to eighteen feet and continuous soil samples were retrieved in dedicated 4-foot long, 2-inch diameter, polyacetate sample tubes while drilling. Soil cuttings generated during the initial and subsequent drilling phases were later disposed of at Veolia Emerald Park Landfill in Franklin, WI.

Temporary monitoring wells were established in five of the boreholes to facilitate collection of groundwater samples. There were plans to install a piezometer in the vicinity of well TW-4 to assess deeper groundwater conditions as PCE characteristically sinks once encountering the groundwater table, but drilling refusal occurred at depths of 18 feet or less.

The extent of contamination in both the soil and groundwater was undefined after the initial round of drilling so four additional borings were installed by Probe Technologies on July 7, 2006 (Figure 8); temporary wells were installed in all four of these drilling locations. Three of the wells (TW-10, TW-11 and TW-12) were installed to the south, west and north of well TW-7 respectively. The last well, TW-13, was installed in Suite 12 to aid in plume definition to the northeast. Drilling and soil sampling techniques were similar to those utilized during the initial drilling event.

ATS field personnel utilized the same procedures during all soil-sampling events. As drilling commenced the recovered soils were described by the field representative on a soil boring log form. Soil samples were retained for field headspace evaluation by placing soil in resealable plastic bags and agitating the soil to promote de-gassing. The samples were allowed to warm in the sun to promote volatilization of the contaminants. After the samples were warmed a Thermoenvironmental Instruments photoionization detector (PID) equipped with a 10.2 eV lamp was used to determine the volatile organic content in the headspace gasses. PID readings are recorded on the soil boring logs. Soil borelog, well construction, well development and borehole/well abandonment forms can be found in Appendix A.

Before lab analysis of the soil samples from the July 7th drilling event was complete, Alpha Terra Science was contacted by Pace Analytical, the laboratory, regarding outside contamination of the samples. All samples that had been submitted to the laboratory in sample bottles from bottle lots 050806-3 and 051506-3 were testing positive for PCE at concentrations generally ranging from 100 to 600 ug/l. Although these laboratory-provided containers had been certified clean by the bottle provider, it was suspected they were the cause of the contamination. This information is noted on the Pace Analytical report. Further questions concerning the cross contamination can be directed to Nils Melberg, the Lab Manager at Pace's Green Bay laboratory where samples were analyzed (phone 920/321-9437).

According to Pace, no other cross-contaminants were identified so results for all other parameters were valid. However, PCE was the only soil contaminant identified at the site thus far and additional drilling would be required to replace the contaminated soil samples. Unfortunately, a driller with drilling equipment that could fit in the drycleaner with an opening in their drill schedule could not be located. As a last resort, borings were advanced using a hand auger after first coring through the concrete. Due to the cobbley nature of the soils, it was only possible to advance the hand auger borings to a maximum depth of two feet.

All site wells were surveyed to allow for the determination of groundwater elevation, flow direction and horizontal hydraulic gradient. A site benchmark was established and assigned an elevation of 100.00 feet and the wells were surveyed relative to this benchmark. Survey accuracy was to 0.01 feet.

3.2.2 Sub-slab Vapor Probe Installation

To evaluate the magnitude and extent of PCE or other chlorinated solvents present in the vapor phase immediately beneath the building floor two sub-slab vapor probes were installed. One vapor probe (VP-1) was installed near the location of the former drycleaning machine; the other (VP-2) was located under the floor within Suite 12 (Figure 8).

The vapor probes were installed per the "Draft Standard Operating Procedure for Installation of Sub-Slab Vapor Probes" (DiGiulio, D; Appendix B). Using a hammer drill a one-inch diameter hole was drilled approximately 1.5 inches (half way) into the concrete floor. Concrete dust was removed from the hole with a vacuum, and a 5/16-inch diameter hole was drilled the remainder of the way through the slab and approximately 3 inches into the underlying soil. Concrete dust was again vacuumed from the hole.

Upon completion of the drilling, the vapor probe was constructed and placed in the hole. The EPA method calls for use of stainless steel tubing to ensure that construction materials are not a source of VOCs, but brass and copper should be suitable substitutes. As brass and copper are readily available, less expensive, and easier to work with, the probes were made of these materials.

Prior to constructing the probe, all fittings and tubing were washed with an Alconox and water solution and rinsed with distilled water. A female, 3/8-inch brass compression fitting was placed on a piece of ¼-inch outside diameter copper tubing about 2.5 inches long. The bottom of the tubing was installed in the hole and set at a depth approximately flush with the bottom of the concrete slab; the compression fitting was approximately flush with the floor surface. The vapor probe was cemented in place with quick-setting Portland cement. A threaded plug was used to cap the probe until it was time to collect a vapor sample.

3.3 Sampling Procedures

3.3.1 Soil Sampling and Analysis

Soil samples for laboratory analysis were collected from at least two depths in each boring and were analyzed for VOCs. PID readings were generally quite low and were not a good indicator of contaminant level. If elevated PID readings were present, soil samples were collected from the interval corresponding to the elevated reading. Soil samples collected from borings at depths of seven to eight feet bls should be reflective of soil contaminant conditions just above the soil water interface.

Three soil samples were also retained for evaluation of total organic carbon. The amount of organic carbon in the soil is necessary for calculation of site-specific soil clean-up levels.

All soil sample analyses were completed by Pace Analytical at their Green Bay, Wisconsin location. Analytical method SW 846 5030B was used for all VOC analyses.

3.3.2 Groundwater Sampling and Analysis

Following collection of water levels, temporary wells were developed using a peristaltic pump and disposable tubing and many of them went dry during development. Wells that went dry were allowed to recharge and pumped again two times to minimize turbidity and promote water flow into the wells. Well development and purge water was stored in 55-gallon drums pending disposal.

Initial samples from all the wells were collected the same day as well development was conducted, after allowing the wells to recharge if necessary. Groundwater samples were pumped from the wells directly into laboratory-provided sample containers with hydrochloric acid preservative. Pace Analytical also completed all laboratory analysis of groundwater samples.

Two rounds of groundwater samples were collected from most of the temporary wells prior to conducting remediation activities. Construction crews damaged wells TW-1 and TW-3 so they could not be sampled a second time. At the start of remediation activities

the temporary wells, with the exception of well TW-13, were abandoned with granular bentonite. Abandonment forms are included in Appendix A.

3.3.3 Sub-slab Vapor Monitoring

A couple of weeks after probe installation, ATS returned to the site to conduct vapor monitoring. The threaded plug was replaced with a brass, male-threaded, barbed fitting. A piece of teflon tubing was then connected to the barbed fitting and a PID that acted as the sampling pump. A sample was then collected for laboratory analysis. With the PID (pump) operating, the Teflon tubing was punctured with a dedicated syringe, and 40 cubic centimeters (cc) of soil gas were drawn into the syringe. The recovered vapors were immediately injected into a 22 cc sample vial that was provided by the laboratory. The procedure was repeated and a second vial was filled. This same protocol was utilized for sampling each vapor probe. The sample vials were shipped via express courier to Microseeps, Inc., of Pittsburgh, PA, the analytical laboratory, under chain of custody procedures.

After sampling, the barbed fitting was removed and replaced with the threaded plug. The vapor probes remained in place until they were removed during excavation activities.

3.4 QA/QC Measures

Prior to arrival on site, the direct-push drill rig was steam cleaned, as was reusable sampling equipment. Decontamination of downhole sampling and drilling equipment was performed between samples or boreholes as applicable.

ATS field personnel wore clean, disposable gloves when handling soil and groundwater samples to prevent cross-contamination. The appropriate amount of soil or groundwater was placed in laboratory-provided sample containers, with preservative as necessary. All laboratory samples were stored on ice or refrigerated until they were received at the laboratory. Reusable equipment (e.g., water level indicator) was decontaminated prior to each use. Dedicated tubing was used for all well development, purging and sampling activities.

3.5 Investigation Data Presentation and Discussion

3.5.1 Soil Analytical Results

A total of 60 analytes were included in the VOC scan, and only two of them were detected in site soil samples (Table 2). The two detected compounds included: 1) PCE, the contaminant of concern, and 2) methylene chloride, a common laboratory contaminant.

Soil samples collected during drilling TW-1 and TW-3 did not contain detectable amounts of PCE; however, PCE was detected at a concentration of 100 ug/kg a depth of 4-5 feet in boring B-2 (Figure 9). The soil cleanup standard for PCE is 4.1 ug/kg, so

additional sampling was needed to the northeast of B-2 to define the extent of contamination in that direction.

As would be expected, soil samples collected from borings closer to the former drycleaning machine location had the highest PCE concentrations (TW-4 and B-9), and levels decreased with distance from the machine (TW-6, TW-7, B-8) (Figure 2). In most cases, the contamination was confined to the upper 7 feet of soil. Since all soil samples collected from within Suite 10 contained elevated PCE concentrations, additional sampling was necessary to define the extent of contamination in the soil to the west and south.

With the cross-contamination of all the soil samples collected during the second round of drilling, the extent of PCE-impacted soil remained undefined. TCE or other related compounds were not detected in any of the soil samples collected during this sample round. Through the collection of shallow soil samples using a hand auger it was learned that soil impacted with relative low concentrations of PCE (32 to 57 ug/kg) was present in the shallow soils as far as 32 feet from the dry cleaning machine. A map showing an estimate of the approximate extent of PCE-impacted soil prior to remediation is included as Figure 9.

PCE oftentimes undergoes a series of reductions through microbially mediated dechlorination reactions as chlorine atoms are sequentially removed from the PCE molecule. For example, tetrachloroethylene (PCE) degrades to trichloroethylene (TCE), which in turn degrades primarily to cis-1,2-dichloroethylene (c-DCE), before degrading to vinyl chloride (VC). It is common for only partial dechlorination to occur. In these cases, the "daughter" products (e. g. TCE, c-DCE and VC) accumulate or increase in concentration while the PCE "parent" compound concentration decreases. Since PCE was the only contaminant detected in any of the soil samples, it can be inferred that reductive dechlorination is not occurring in the unsaturated zone.

Total organic carbon content in the soils exhibited a wide range. A list of the samples collected, along with the corresponding organic carbon content follows.

Boring ID	Sample Depth	Total Organic Carbon (mg/kg)
TW-4	4-6'	16,000
TW-4	8-10'	4,400
B-8	6-7'	9,100

Complete copies of laboratory reports for soil sample analyses are included in Appendix B.

3.5.2 Groundwater Analytical Results

Low levels of PCE were detected in water samples from five wells (TW-1, TW-4, TW-6, TW-7 and TW-10), but PCE concentrations in excess of the enforcement standard (ES) of

5 ug/l were only detected in samples from well TW-7 (Table 3). Daughter products TCE and c-DCE were detected in the groundwater sample from well TW-7, but only TCE was present at a concentration above its ES. These PCE breakdown products were not detected in any of the other groundwater samples.

The highest PCE concentration was not in the sample from well TW-4, located underneath the former drycleaning machine, but was in water from well TW-7, west of the machine location. It appears as if upon reaching the water table the contaminants migrated downgradient, along the natural flow path of the water. Water and contaminants then pooled in the area just west of well TW-7 where porous stone fill was used. The approximate extent of contaminated groundwater is shown on Figure 10.

Complete copies of laboratory reports for groundwater sample analyses are included in Appendix B.

3.5.3 Vapor Sampling Results

Analysis for CVOC compounds was conducted on the sub-slab vapor samples including PCE, TCE, c-DCE and VC. The laboratory analysis was completed by Microseeps using a gas chromatograph method as described by the analytical laboratory in documentation included in Site Investigation Work Plan (ATS, 2006). PCE was the only contaminant detected in the vapor samples, and these results are presented below.

Sampling Point	PCE Concentration (ppbv)
VP-1	280
VP-2	29

The higher PCE in vapor concentration was measured in soils directly under the location of the former drycleaning machine. A copy of the Microseeps analytical report is included in Appendix C.

The Wisconsin Department of Health and Family Services (DHFS) has developed guidance for evaluating movement of VOCs from groundwater or soil into nearby buildings, and then into the indoor air (WDHFS, 2003). The DHFS guidance document was used in conjunction with guidance developed by the Environmental Protection Agency (EPA) for evaluating vapor intrusion (USEPA, 2002). The EPA document includes screening values for various compounds and exposure pathways consistent with threshold values used by DHFS (health risk 1 X 10^{-6}).

Target Indoor Air Concentration (ppbv)	Target Shallow Gas Concentration Corresponding to Target Indoor Air Concentration (ppbv)	Target Groundwater Concentration Corresponding to Target Indoor Air Concentration (ug/L)
PCE =0.12	PCE = 1.2	PCE = 5

ppbv = parts per billion by volume
ug/L = micrograms per liter

Measured sub-slab PCE vapor concentrations were greater than the target shallow gas concentration corresponding to the target indoor air concentration. The PCE concentration in groundwater also exceeded the groundwater to target indoor air concentration. These are both indications that there was the potential for PCE concentrations in indoor air to exceed safe levels.

3.6 Permeability and Hydraulic Conductivities

Actual hydraulic conductivity tests were not conducted at the site. Many of the temporary wells went dry during purging with less than one gallon of water removed. The hydraulic conductivity of the silty clay soils is likely in the range of 1 X 10^{-6} cm/sec; the conductivity of the sandy silt and sandy clay layers would be higher, on the order of 1 X 10^{-4} to 1 X 10^{-6} cm/sec (Fetter, 2001).

4.0 REMEDIAL ACTION PLANNING

Bluemound Plaza had a tenant interested in leasing Suite 10 so remediation in the quickest manner was desired. Due to the laboratory contamination of soil samples, the extent of soil contaminated with PCE was not entirely defined, but PCE concentrations in most of the soils were rather low (<60 ug/kg). The extent of PCE-impacted groundwater had been defined and was localized to the area under the tenant suite. As Bluemound Plaza's objectives were to receive closure without any restrictions on the property, in a very short timeframe, excavation of PCE-impacted soil was chosen as the remedial method.

4.1 Remediation Goals

Site-specific residual contaminant levels (RCLs) to assess the potential for migration of contaminants from soil to the groundwater were calculated for PCE, TCE, VC, c-DCE, and trans-DCE using methods outlined in USEPA Soil Screening Guidance (USEPA, 1996), and the WDNR guidance on use of the EPA methods (WDNR, 2002). The value for PCE is 4.1 ug/kg; values for this and other compounds are shown on Table 2, and the calculations are included in Appendix D.

It is not possible for the laboratory to obtain detection limits as low as the calculated RCLs using the methanol preservation method for VOC analysis, as stipulated by the DNR. For a clean closure to be achieved, cleanup to concentrations below laboratory method detection limits would be necessary.

4.2 Hazardous Waste Determination

The tetrachloroethene (PCE) contamination in the soil originated from a former drycleaning operation, and as a result, when excavated it would be considered a "listed hazardous waste". There are no landfills in Wisconsin that are permitted to accept hazardous waste so the soil needed to be delisted or "contained-out" for it to be disposed of in Wisconsin. The EPA considers contaminated environmental media to no longer contain hazardous waste: (1) when they no longer exhibit a characteristic of hazardous waste, and (2) when concentrations of hazardous constituents from listed hazardous wastes are below health-based levels.

The DNR agreed the soil could be classified as solid waste based on a contained-out determination (WDNR, 2006). Arrangements for soil disposal at Veolia Emerald Park Landfill in Franklin, WI were finalized.

5.0 REMEDIATION ACTIVITIES

Tom Vogt Excavating was the contractor for the remediation. Alpha Terra Science directed the remediation efforts, and was responsible for collecting soil samples for laboratory analysis. Laboratory analysis of soil samples was completed by Environmental Chemistry Consulting Services (ECCS) of Madison, WI. Photographs taken during remediation activities are included in Appendix F.

5.1 Excavation of Impacted Soil

Excavation activities were conducted September 13 through October 3. Walls between tenant suites were removed as necessary so contaminated soil could be accessed for remediation (Photo 1). The concrete floor was then cut and removed as required to facilitate excavation. Concrete from the area under and around the drycleaning machine location was disposed of at Emerald Park Landfill (approximately 5 tons). Concrete from other areas (approximately 65 tons) was hauled by Vogt to a crushing plant where it would be pulverized and recycled in new concrete.

For the most part, excavation was conducted using a mini-excavator and bobcat (Photo 2). An elevated platform was erected at the back of the building using concrete block so the skid loader could bring the soil out and dump it directly into trucks for transport to the landfill (Photo 3). Due to the presence of water and sanitary sewer service lines across the back (south side) of the building, hand excavation was necessary to track and expose the lines to eliminate the potential for breakage (Photos 4 and 5).

As excavation proceeded, sidewall and bottom soil samples were collected at intervals of approximately 20-25 feet (Figure 11); sample locations were marked with orange flags for easy identification (Photo 6). Most sidewall samples were collected from a depth of approximately 2.5 feet as representative of the most impacted zone identified during investigative activities. In deeper parts of the excavation, samples from depths of 7 and 11 feet bls were also collected as supplemental sidewall samples. At some points, excavation extended to the exterior walls of the building and was stopped only after all soil had been removed from the concrete block walls and foam insulation (Photo 7).

The soil samples were analyzed for CVOC by ECCS on a quick turn-around time basis. If laboratory results indicated any of the CVOC compounds were present the excavation was expanded outward. If no CVOCs were detected further excavation was not necessary. To document removal of contaminants 51 soil samples were collected from the perimeter of the excavation. Lab data from borings advanced as part of the investigation were used to define excavation limits in conjunction with data obtained during remediation activities (Figure 11). PCE, nor any other CVOC, was detected in any of the final perimeter samples, so the soil at the site can be considered fully remediated. Copies of the laboratory analytical reports are included in Appendix E.

During excavation an area of clear stone was encountered just west of the location of well TW-7 (Figure 5). The stone was approximately 3-inches in diameter and was apparently used to form a suitable base for a building support post that was located in this area. The stone fill was much more porous than the surrounding material and water preferentially collected in this area. It was necessary to pump out the water (approximately 200 gallons) to excavate the stone and surrounding contaminated soil; groundwater did not recollect in this area prior to backfilling. Previously containerized well purge water and the excavation water was mixed with soils destined for the landfill.

A total of 1255.57 tons of contaminated soil and concrete were removed during cleanup efforts; a listing of landfill disposal tickets is included in Appendix F.

5.2 Backfilling and Compaction

Limestone screenings were used to backfill the excavation (Photo 8). The screenings were placed in the excavation in nine- to twelve-inch lifts and compacted using a vibrating roller or a walk behind vibrating compactor. The excavation was backfilled to a level even with the base of the surrounding concrete floor. The floor was later patched by another contractor.

5.3 Contaminant Reduction

All soil with detectable amounts of contaminants was removed from the Express Cleaners site. Excavation continued beneath the water table in the area of well TW-7 where PCE and TCE concentrations in the groundwater slightly exceeded enforcement standards (8.9 and 7.7 ug/l respectively). Soil samples from the saturated zone in this area (#23, #29, #31, #25, #36 and #42) did not contain detectable amounts of PCE or TCE. As there were no other areas where

groundwater contaminant levels exceeded enforcement standards, soil and groundwater remediation can be considered complete at the site.

A post-remediation cross section is included as Figure 12.

6.0 CONCLUSIONS AND SUMMARY

Results of site investigation and remediation activities are summarized below.

- Several feet of fill material underlie the concrete building floor slab. Directly under the slab is approximately 1.5 feet of sand and gravel fill. Additional clayey fill with cobbles and boulders is present to a depth of about seven feet where native is encountered. The uppermost native soil is a dark brown to black silty clay with an estimated hydraulic conductivity of 1 X 10^{-6} cm/sec. Underlying native soils include sandy silts, sandy clay and clayey sands with higher hydraulic conductivities estimated to range from 1 X 10^{-4} to 1 X 10^{-6} cm/sec. Thin sand and gravel lenses were also observed.

- The native silty clay soils appear to have acted as a barrier to downward contaminant migration as few locations with contaminants in the soil beneath the fill/native soil interface were identified.

- The depth to water is between eight and nine feet bls, and groundwater flow is generally towards the west. The horizontal gradient is approximately 0.017.

- The area of contaminated groundwater was limited in extent to the area underneath the building. Groundwater with PCE and TCE concentrations very slightly above their respective ESs was only collected from well TW-7. This area is slightly downgradient from the release location and was adjacent to an area of porous stone fill beneath the water table.

- Bluemound Plaza wanted to expedite site remediation so the tenant space could be leased. Approximately 1255 tons of contaminated soil, mostly containing PCE, was excavated to achieve site cleanup goals of no detectable contaminants remaining in the soil. Excavation extended to depths of 5.5 to 13.75 feet as necessary to allow for removal of all contaminated material.

- Soil samples were collected from the margins of the excavation. None of the samples from final excavation limits, including those from the saturated zone, contained detectable concentrations of contaminants.

- Water to the site and surrounding area is provided by the town of Brookfield municipal water system. Water is supplied to the system by several wells, the closest of which is more than ½ mile from the Express Cleaners site. The municipal wells draw water from the bedrock aquifers, as do private wells in the area, and the water supply should not be adversely impacted as a result of the release at the site.

- All soil with detectable contaminant concentrations (predominantly PCE) have been remediated from the site. As a result there is no source for vapors or ongoing groundwater contamination.

At this time site closure is requested with no property restrictions or GIS registry listings as the site should qualify for closure with no residual contamination. All soil with detectable amounts of contamination was removed from the Express Cleaners site during excavation activities. Additionally, excavation continued beneath the water table in the area of well TW-7 where PCE and TCE concentrations in the groundwater slightly exceeded enforcement standards (8.9 and 7.7 ug/l respectively) prior to remediation. Six soil samples from the saturated zone in this area were collected and none of them contained detectable amounts of PCE or TCE, indicating remediation is complete in the saturated zone. Groundwater contaminant levels did not exceed enforcement standards at any other locations. Soil and groundwater remediation can be considered complete at the site.

7.0 REFERENCES

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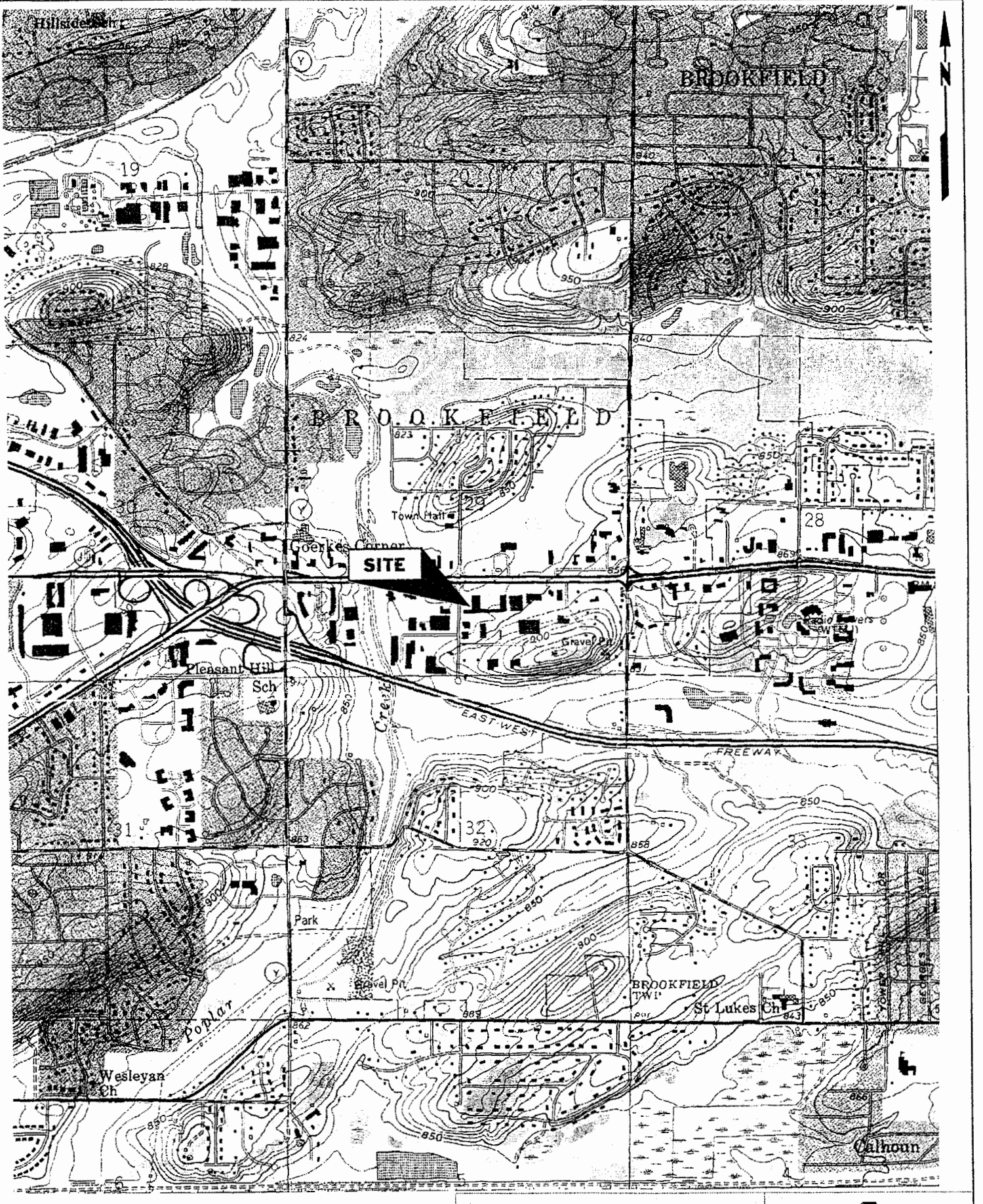


1" = 2000 ft

0 500 1200 1800 2400 3000 ft
0 200 400 600 800 1000 m

SOURCE: Waukesha 7.5 minute topographic quadrangle 1992

SITE LOCATION MAP

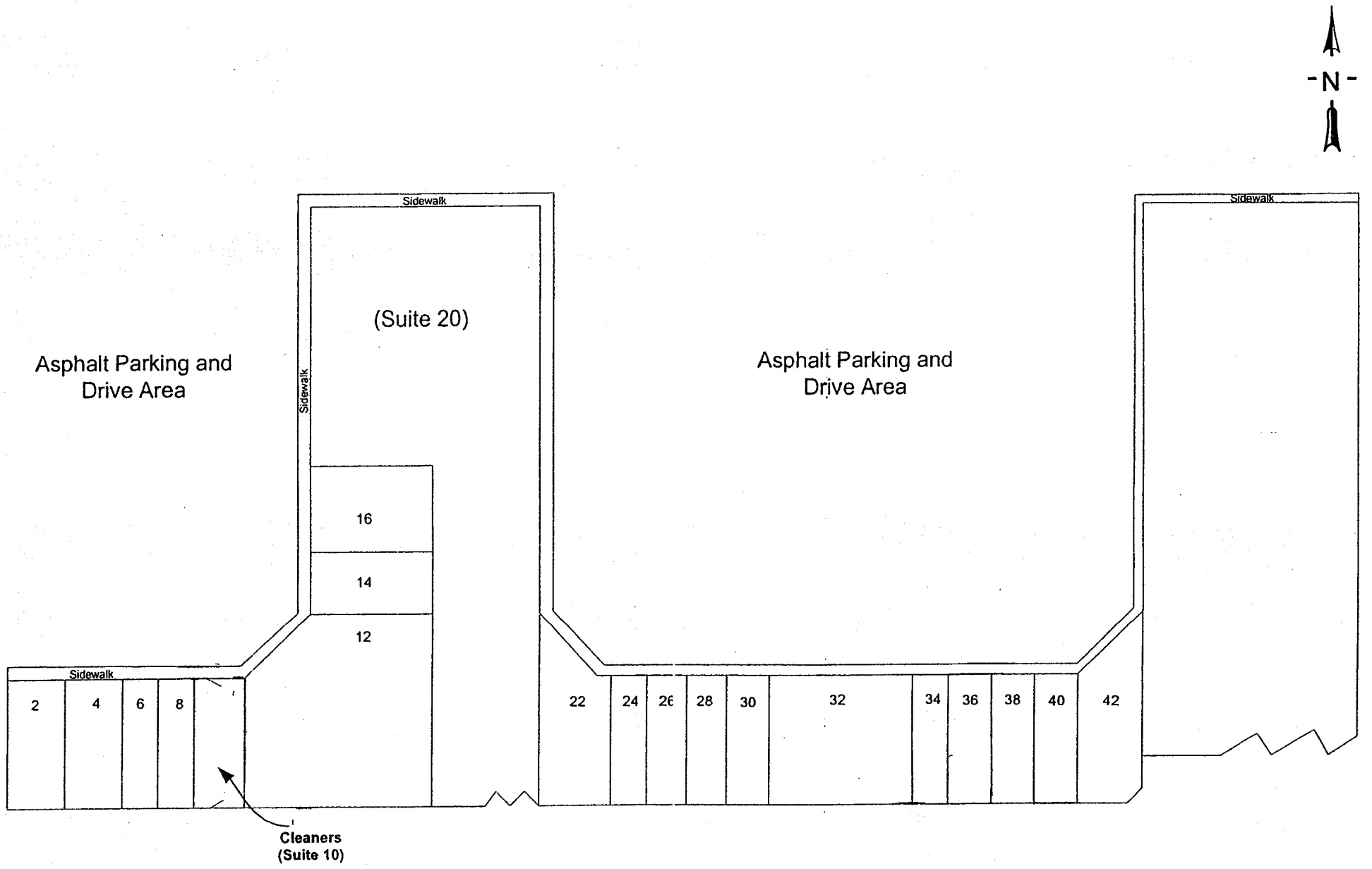
Former Express Cleaners, Brookfield, WI

ALPHA TERRA SCIENCE

DATE	DESCRIPTION	APPVD

DATE: 6/15/06 | DWG #: sitelog

SCALE 1:=24,000 | APPROVED: AH | FIGURE 1



Modified from base map constructed by Nova Consulting Group, Inc.

BLUEMOUND PLAZA LAYOUT	ALPHA TERRA SCIENCE
Former Express Cleaners - Brookfield, WI	DATE: 6/15/06 file ref: plaza.skf
SCALE: 1 Inch= Approximately 80 Feet	DRAWN BY: AH FIGURE 2.

LEGEND

--------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

N

SUITE 14

ASPHALT DRIVE
AND PARKING

10 5 0 10

SCALE = 1"=10'

SIDEWALK
(under canopy)

SUITE 12

EXPRESS
CLEANERS
SUITE 10

SUITE
8

SANITARY SEWER
& WATER LINES

SS & W

SS & W

SS & W

SS & W

SS & W

DRY CLEANING
MACHINE AND
STAINED FLOOR

W

SS

SS

SS

Gas service goes up
interior wall and into ceiling.

G

G

ASPHALT DRIVE

TITLE: SITE PLAN			ALPHA TERRA SCIENCE
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI			
SCALE: 1"= 10 FEET	DESCRIPTION	APPVD	DATE 6/15/06 / FILE CODE enlarge express site map.skf
			DRAWN BY AH / FIGURE 3

LEGEND

HAB-1 / B-2 ● SOIL BORING LOCATION

GP-1 ⊕ PHASE II TEMPORARY WELL LOCATION (ABANDONED)

TW-3 ⊕ TEMPORARY WELL LOCATION

--------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

- N -

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1

SIDEWALK (under canopy)

SUITE 12

TW-12

TW-3

TW-13

B-14

EXPRESS CLEANERS SUITE 10

B-16

HAB-5

B-2

B-9

HAB-1

SUITE 8

TW-7

HAB-3

TW-1

TW-11

B-17

A

B-5

HAB-4

A'

TW-4

B-8

B-15

SANITARY SEWER & WATER LINES

B-18

TW-10

TW-6

SS & W

SS & W

SS & W

SS & W

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

W

SS

SS

SS

Gas service goes up interior wall and into ceiling.

GP-2

G

G

ASPHALT DRIVE

TITLE: CROSS SECTION LOCATION MAP

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE: 1"= 10 FEET

DESCRIPTION

APPVD

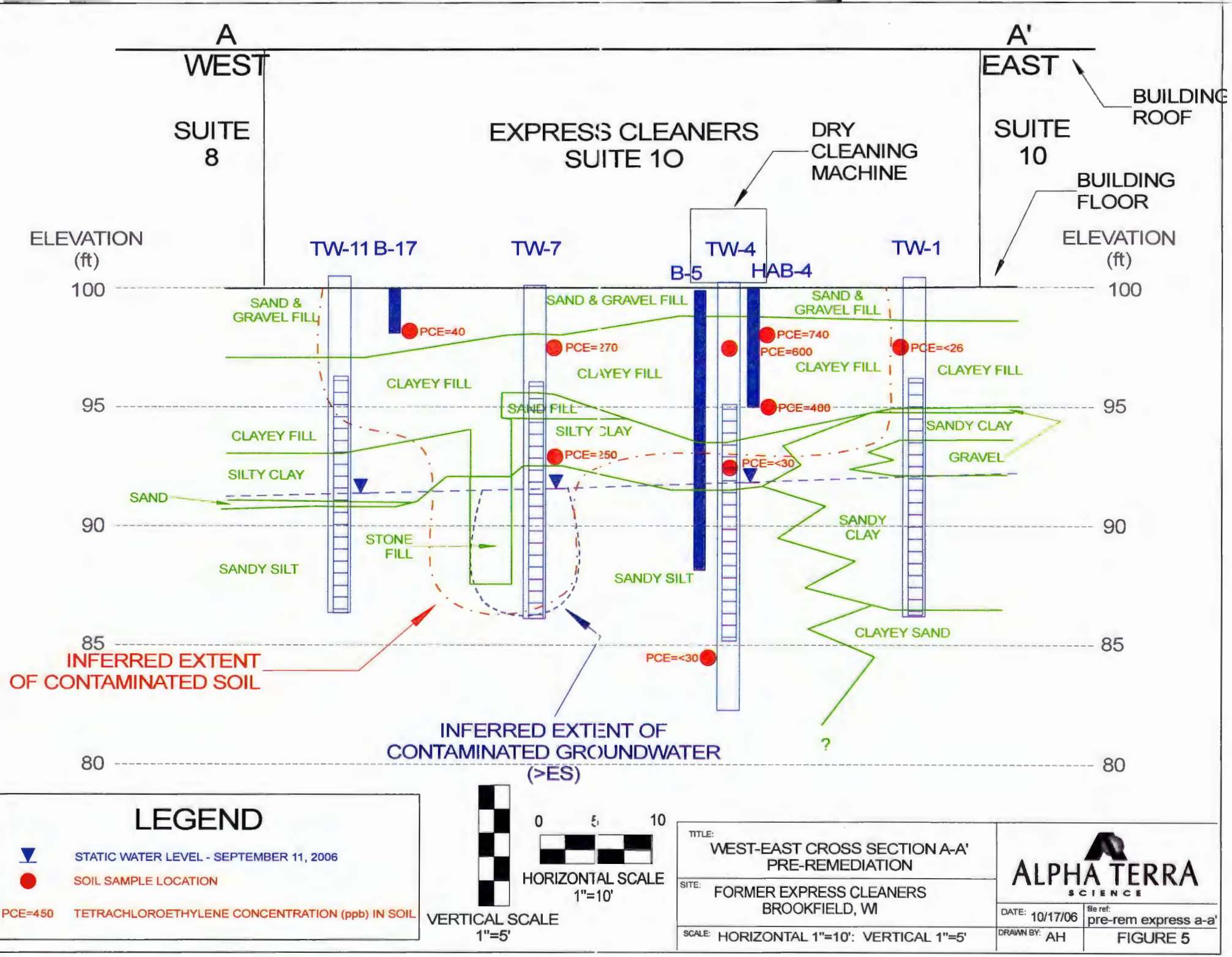
ALPHA TERRA SCIENCE

DATE 6/15/06

FILE CODE enlarge express site map.skf

DRAWN BY AH

FIGURE 4


A
WEST
A'
EAST
SUITE 8
EXPRESS CLEANERS SUITE 10
DRY CLEANING MACHINE
BUILDING ROOF
SUITE 10
BUILDING FLOOR
ELEVATION (ft)
TW-11 B-17
TW-7
TW-4
B-5
HAB-4
TW-1
100
95
90
85
80
SAND & GRAVEL FILL
CLAYEY FILL
SILTY CLAY
SAND
SANDY SILT
STONE FILL
SAND FILL
GRAVEL
SANDY CLAY
CLAYEY SAND
PCE=40
PCE=270
PCE=740
PCE=600
PCE=<26
PCE=400
PCE=250
PCE=<30
PCE=<30
INFERRED EXTENT OF CONTAMINATED SOIL
INFERRED EXTENT OF CONTAMINATED GROUNDWATER (>ES)
?
LEGEND
STATIC WATER LEVEL - SEPTEMBER 11, 2006
SOIL SAMPLE LOCATION
PCE=450 TETRACHLOROETHYLENE CONCENTRATION (ppb) IN SOIL
VERTICAL SCALE 1"=5'
0 5 10
HORIZONTAL SCALE 1"=10'
TITLE: WEST-EAST CROSS SECTION A-A' PRE-REMEDIATION
SITE: FORMER EXPRESS CLEANERS BROOKFIELD, WI
SCALE: HORIZONTAL 1"=10': VERTICAL 1"=5'
ALPHA TERRA SCIENCE
DATE: 10/17/06
file ref: pre-rem express a-a'
DRAWN BY: AH
FIGURE 5

LEGEND

TW-3 ⊕ TEMPORARY WELL LOCATION

91.54 GROUNDWATER ELEVATION

← GROUNDWATER FLOW DIRECTION

---------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

N

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

SIDEWALK (under canopy)

SUITE 12

TW-12

TW-3 91.7 91.6 91.65 91.8 91.9

TW-13

EXPRESS CLEANERS SUITE 10

GROUNDWATER FLOW DIRECTION

SUITE 8

91.5

TW-7 91.48 91.5

TW-11

TW-1 92.01 92.0

TW-4 91.72

91.9

91.8

SANITARY SEWER & WATER LINES

TW-10

TW-6 91.59 91.6 91.7

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

Gas service goes up interior wall and into ceiling.

ASPHALT DRIVE

TITLE: GROUNDWATER CONTOUR MAP JULY 10, 2006	ALPHA TERRA SCIENCE
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI	
SCALE: 1"= 10 FEET / DESCRIPTION / APPVD	DATE 6/15/06 / FILE CODE enlarge express site map.skf
	DRAWN BY AH / FIGURE 6

LEGEND

TW-3 ⊕ TEMPORARY WELL LOCATION

91.54 GROUNDWATER ELEVATION

←——— GROUNDWATER FLOW DIRECTION

--------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

N

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

SIDEWALK (under canopy)

SUITE 12

91.4 91.5 91.6 91.7 91.8

TW-12 91.31

TW-3

TW-13 91.89

91.8

EXPRESS CLEANERS SUITE 10

SUITE 8

TW-11 91.35

TW-7 91.51

TW-4 91.72

91.7 TW-1

91.6

91.4

SANITARY SEWER & WATER LINES

TW-10 91.50

TW-6 91.54

SS & W

SS & W

SS & W

SS & W

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

91.5

W

SS

SS

SS

Gas service goes up interior wall and into ceiling.

G

G

ASPHALT DRIVE

TITLE: GROUNDWATER CONTOUR MAP SEPTEMBER 11, 2006

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY AH	FIGURE 7

LEGEND

HAB-1 / B-2 ● SOIL BORING LOCATION

GP-1 ⊕ PHASE II TEMPORARY WELL LOCATION (ABANDONED)

TW-3 ⊕ TEMPORARY WELL LOCATION

VP-2 ☆ VAPOR PROBE LOCATION

---------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

- N -

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1

SIDEWALK (under canopy)

SUITE 12

TW-12

TW-3

TW-13

B-14

EXPRESS CLEANERS SUITE 10

B-16

HAB-5

B-2

B-9

HAB-1

VP-2

SUITE 8

TW-7

VP-1

HAB-3

TW-1

TW-11

B-17

B-5

HAB-4

TW-4

B-8

B-15

SANITARY SEWER & WATER LINES

B-18

TW-10

TW-6

SS & W

SS & W

SS & W

SS & W

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

SS

SS

SS

GP-2

Gas service goes up interior wall and into ceiling.

G

G

ASPHALT DRIVE

TITLE: SITE: MAP WITH LOCATIONS OF BORINGS, TEMPORARY MONITORING WELLS & VAPOR PROBES

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY: AH	FIGURE 8

LEGEND

HAB-1 / B-2 ● SOIL BORING LOCATION

GP-1 ⊕ PHASE II TEMPORARY WELL LOCATION (ABANDONED)

TW-3 ⊕ TEMPORARY WELL LOCATION

4.5-5.5' SOIL SAMPLE DEPTH AND
PCE=350 TETRACHLOROETHYLENE CONCENTRATION (ug/kg)
BOLD INDICATES EXCEEDANCE OF RESIDUAL CLEANUP LEVEL
ONLY DETECTED COMPOUNDS REPORTED

SOIL SAMPLE DATA FROM 9/11/06 NOT POSTED AS THE LAB CONTAMINATED THE SAMPLES WITH PCE

UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

-N-

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1

SIDEWALK (under canopy)

SUITE 12

SUITE 8

EXPRESS CLEANERS SUITE 10

TW-12

TW-3 2-3' PCE=<26 7-8' PCE=<25

TW-13

B-14 1.75-2' PCE=<26

INFERRED AREA OF CONTAMINATED SOIL

B-16 1.5' PCE=57

2' PCE=1100 4.5' PCE=660 HAB-5

B-2 4-5' PCE=100

B-9 3-4' PCE=820

HAB-1 1.5' PCE=440

4.5' PCE=<25

HAB-3

TW-1 2-3' PCE=<26

TW-7 2-3' PCE=270 7-8' PCE=250

TW-11 B-17 2' PCE=40

B-5 HAB-4 2' PCE=740 5' PCE=400

TW-4 2-3' PCE=600 7-8' PCE=<3 15-16' PCE=<3

B-8 4.5-5.5' PCE=350

B-15 1.75-2' PCE=32

SANITARY SEWER & WATER LINES

B-18 1.5' PCE=36

TW-10

TW-6 2-3' PCE=110 7-8' PCE=<25

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

Gas service goes up interior wall and into ceiling.

GP-2

G

ASPHALT DRIVE

TITLE: SOIL SAMPLE ANALYTICAL RESULTS (PRE-REMEDIATION)

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	enlarge express site map.skf
DRAWN BY: AH	FIGURE 9

LEGEND

GP-1 ● PHASE II TEMPORARY WELL LOCATION (ABANDONED)

TW-3 ⊕ TEMPORARY WELL LOCATION

PCE=35 TETRACHLOROETHYLENE CONCENTRATION (ug/l)
TCE=5 TRICHLOROETHYLENE CONCENTRATION (ug/l)
C-DCE=10 CIS-1,2 DICHLOROETHYLENE CONCENTRATION (ug/l)
BOLD INDICATES EXCEEDANCE OF NR 141 PAL

ONLY DETECTED COMPOUNDS REPORTED

---------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

-N-

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1
Data from 11/21/05
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

SIDEWALK (under canopy)

SUITE 12

INFERRED AREA OF CONTAMINATED GROUNDWATER (> ENFORCEMENT STANDARD)

TW-12
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

TW-3
Data from 7/10/06
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

TW-13
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

EXPRESS CLEANERS SUITE 10

INFERRED AREA OF CONTAMINATED GROUNDWATER (> PREVENTIVE ACTION LIMIT)

SUITE 8

TW-7
PCE=8.9
TCE=7.7
C-DCE=17

TW-11
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

TW-4
PCE=3.3
TCE=<0.48
C-DCE=<0.83

TW-1
Data from 7/10/06
PCE=0.49
TCE=<0.48
C-DCE=<0.83

SANITARY SEWER & WATER LINES

TW-10
PCE=1.0
TCE=<0.48
C-DCE=<0.83

TW-6
PCE=0.96
TCE=<0.48
C-DCE=<0.83

SS & W

DRY CLEANING MACHINE AND STAINED FLOOR

Gas service goes up interior wall and into ceiling.

GP-2
Data from 11/21/05
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

ASPHALT DRIVE

TITLE: GROUNDWATER SAMPLE ANALYTICAL RESULTS (PRE-REMEDIATION)			ALPHA TERRA SCIENCE
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI			
SCALE: 1"= 10 FEET	DESCRIPTION	APPVD	DATE 6/15/06 / FILE CODE enlarge express site map.skf
			DRAWN BY AH / FIGURE 10

LEGEND

GP-1 ● PHASE II TEMPORARY WELL LOCATION (ABANDONED)

27 X EXCAVATION SOIL SAMPLE LOCATION

2.5' SOIL SAMPLE DEPTH AND
PCE=120 TETRACHLOROETHYLENE CONCENTRATION (ug/kg)
TCE=95 TRICHLOROETHYLENE CONCENTRATION (ug/kg)
BOLD INDICATES EXCEEDANCE OF RESIDUAL CLEANUP LEVEL

ONLY DETECTED COMPOUNDS REPORTED

---------- UNDERGROUND UTILITY LOCATION (water, gas, sanitary sewer)

N

SUITE 14

ASPHALT DRIVE AND PARKING

10 5 0 10

SCALE = 1"=10'

GP-1

SIDEWALK (under canopy)

SUITE 12

SUITE 8

EXPRESS CLEANERS SUITE 10

DEPTH =5.5'

DEPTH =7'

D=11'

DEPTH =13.75'

DRY CLEANING MACHINE / STAINED FLOOR

TW-4 7-8' PCE=<30 15-16' PCE=<30

TW-3 2-3' PCE=<26 7-8' PCE=<25

TW-1 2-3' PCE=<26

TW-6 5.5' PCE=<24 7-8' PCE=<25

B-14 1.75-2' PCE=<26

EXCAVATION LIMITS

SANITARY SEWER & WATER LINES

SS & W

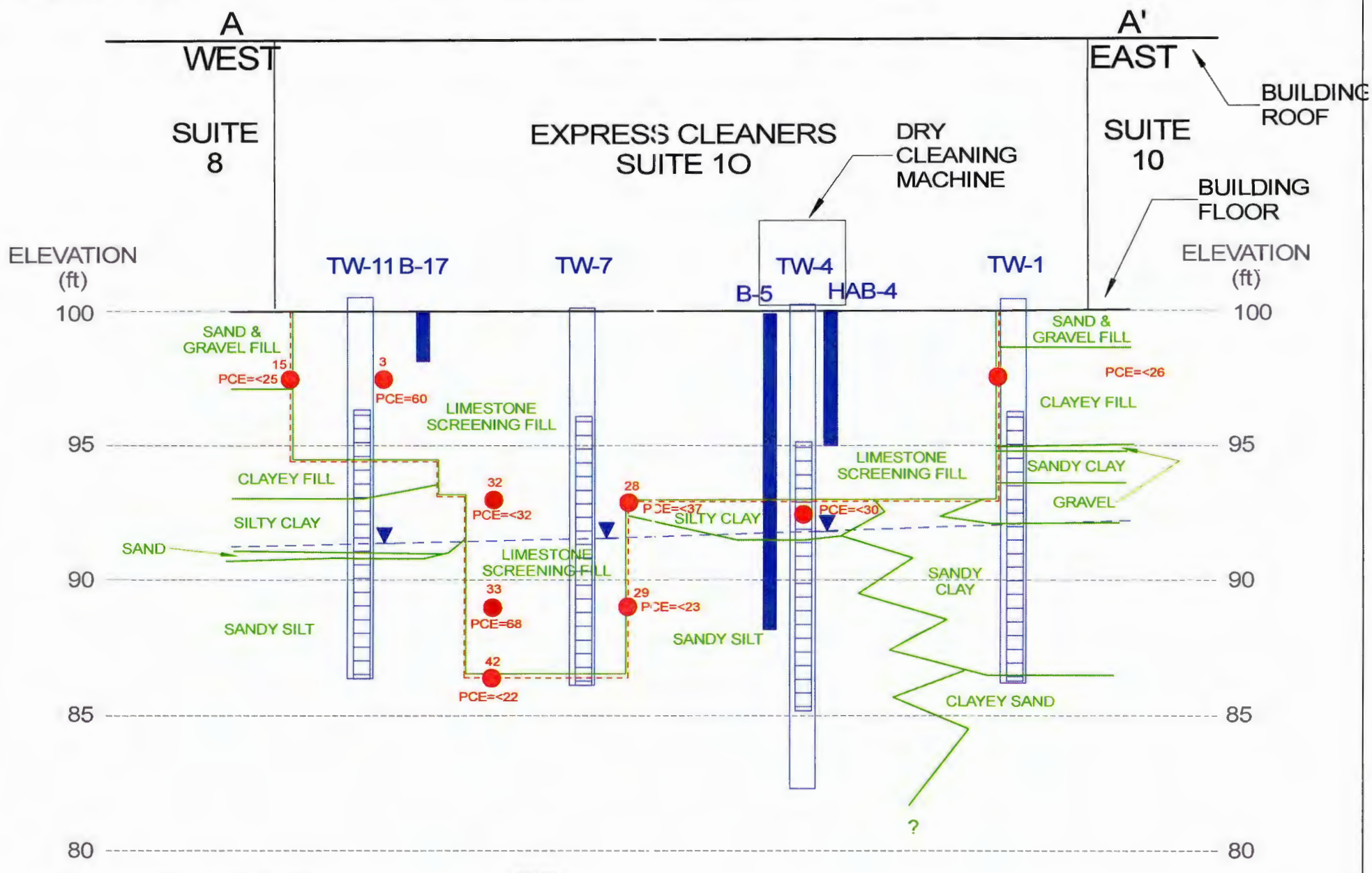
Gas service goes up interior wall and into ceiling.

GP-2

ASPHALT DRIVE

46 2.5' PCE=<23	48 5.5' PCE=<27	40 2.5' PCE=40	47 2.5' PCE=<23
17 2.5' PCE=25	27 5.5' PCE=<29	18 2.5' PCE=110	
6 2.5' PCE=40	7 2.5' PCE=180	8 2.5' PCE=250	
16 2.5' PCE=<24	14 7' PCE=<27	13 7' PCE=<26	
5 5.5' PCE=<27	30 & 31 7' PCE=<31 11' PCE=<24	9 2.5' PCE=92	
3 2.5' PCE=60	32, 33 & 42 7' PCE=<32 11' PCE=68 13.75' PCE=<22	28 & 29 7' PCE=<37 11' PCE=<23	
5 2.5' PCE=<25	36 11' PCE=<31		
4 5.5' PCE=<23	34 & 35 7' PCE=<28 11' PCE=<23		
22 & 23 7' PCE=<30 11' PCE=<24		11 5.5' PCE=89	10 2.5' PCE=50
2 2.5' PCE=<26		21 7' PCE=<28	20 2.5' PCE=45
39 7' PCE=<28	37 5.5' PCE=<24		41 2.5' PCE=<26
19 2.5' PCE=25	1 2.5' PCE=80	12 2.5' PCE=78	
38 2.5' PCE=36			
51 2.5' PCE=<25 TCE=<25	24 2.5' PCE=91	26 2.5' PCE=<26	
49 2.5' PCE=35	45 7' PCE=<28	25 2.5' PCE=<23	
50 2.5' PCE=35 TCE=44	43 2.5' PCE=<27	44 2.5' PCE=<24	

TITLE: EXCAVATION LIMITS, SOIL SAMPLE LOCATIONS & ANALYTICAL RESULTS			ALPHA TERRA SCIENCE
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI			DATE 6/15/06
SCALE: 1"= 10 FEET	DESCRIPTION	APPVD	FILE CODE enlarge express site map.skf
			DRAWN BY AH
			FIGURE 11



LEGEND

- STATIC WATER LEVEL - SEPTEMBER 11, 2006
- SOIL SAMPLE LOCATION
- PCE=45 TETRACHLOROETHYLENE CONCENTRATION (ppb) IN SOIL

VERTICAL SCALE 1"=5'

0 5 10

HORIZONTAL SCALE 1"=10'

TITLE: WEST-EAST CROSS SECTION A-A' PRE-REMEDIATION

SITE: FORMER EXPRESS CLEANERS BROOKFIELD, WI

SCALE: HORIZONTAL 1"=10': VERTICAL 1"=5'

ALPHA TERRA SCIENCE

DATE: 10/17/06

file ref: post-rem express a-a'

DRAWN BY: AH

FIGURE 12

TABLE 1
GROUNDWATER ELEVATION DATA
Former Express Cleaners, Brookfield, WI

Well Identification	TW-1	TW-3	TW-4	TW-6	TW-7
Ground Surface Elevation	100.12	100.11	99.96	99.96	99.95
Top of Casing Elevation	100.15	100.15	100.07	100.03	100.01

Well Identification	TW-10	TW-11	TW-12	TW-13
Ground Surface Elevation	99.94	99.96	99.94	100.07
Top of Casing Elevation	100.05	100.17	100.19	100.32

	TW-1		TW-3		TW-4	
Date	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.
7/10/06	8.14	92.01	8.49	91.66	8.35	91.72
8/7/06	8.12	92.03	8.51	91.64	8.32	91.75
9/11/06	WELL DAMAGED		WELL DAMAGED		8.35	91.72

	TW-6		TW-7		TW-10	
Date	Depth to Water	Static Water Level	Depth to Water	Static Water Level	Depth to Water	Groundwater Elev.
7/10/06	8.44	91.59	8.53	91.48	NOT INSTALLED	
8/7/06	8.45	91.58	8.47	91.54	8.09	91.96
9/11/06	8.49	91.54	8.50	91.51	8.55	91.50

	TW-11		TW-12		TW-13	
Date	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.	Depth to Water	Groundwater Elev.
8/7/06	8.68	91.49	8.91	91.28	8.38	91.94
9/11/06	8.82	91.35	8.88	91.31	8.43	91.89

Notes: Survey is relative to a site benchmark assigned an elevation of 100 ft.

TABLE 2

INVESTIGATIVE SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS

Former Express Cleaners, Brookfield, WI

Sample ID	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)	Other Compounds Detected? (ug/kg)
PHASE II SAMPLES COLLECTED NOVEMBER 21, 2005								
HAB-1	1.5'	ND	<25	<25	**440**	<25	<25	ND
PHASE II SAMPLES COLLECTED DECEMBER 5, 2005								
HAB-3	4.5'	ND	<25	<25	<25	<25	<25	ND
HAB-4	2'	ND	<25	<25	**740**	<25	<25	ND
HAB-4	5'	ND	<25	<25	**400**	<25	<25	ND
HAB-5	2'	ND	<25	<25	**1100**	<25	<25	ND
HAB-5	4.5'	ND	<25	<25	**660**	<25	<25	ND
SITE INVESTIGATION SAMPLES COLLECTED JUNE 21, 2006								
TW-1	2-3'	0.7	<26	<26	<26	<26	<26	Methylene Chloride= 80
B-2	4-5'	2.2	<27	<27	**100**	<27	<27	ND
TW-3	2-3'	0.0	<26	<26	<26	<26	<26	Methylene Chloride= 40
TW-3	7-8'	0.0	<25	<25	<25	<25	<25	ND
TW-4	2-3'	2.2	<27	<27	**600**	<27	<27	ND
TW-4	7-8'	0.0	<30	<30	<30	<30	<30	ND
TW-4	15-16'	0.0	<30	<30	<30	<30	<30	ND
TW-6	2-3'	0.0	<25	<25	**110**	<25	<25	ND
TW-6	7-8'	0.0	<25	<25	<25	<25	<25	Methylene Chloride= 43

TABLE 2
INVESTIGATIVE SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS
Former Express Cleaners, Brookfield, WI

Sample ID	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)	Other Compounds Detected? (ug/kg)
TW-7	2-3'	0.0	<25	<25	**270**	<25	<25	ND
TW-7	6.5-7.5	0.0	<25	<25	**250**	<25	<25	ND
B-8	4.5-5.5'	0.0	<25	<25	**350**	<25	<25	ND
B-9	3-4'	0.0	<25	<25	**820**	<25	<25	ND
SITE INVESTIGATION SAMPLES COLLECTED AUGUST 7, 2006 +++								
TW-10	2-3'	1.5	<25	<25	**460+++**	<25	<25	ND
TW-10	4-5'	1.5	<25	<25	**510+++**	<25	<25	ND
TW-10	8-9'	3.1	<25	<25	**140+++**	<25	<25	ND
TW-11	2-3'	1.5	<25	<25	**450+++**	<25	<25	ND
TW-11	4-5'	1.5	<25	<25	**270+++**	<25	<25	ND
TW-11	7-8'	1.5	<25	<25	**300+++**	<25	<25	ND
TW-12	2-3'	1.5	<25	<25	**440+++**	<25	<25	ND
TW-12	4-5'	1.5	<25	<25	**190+++**	<25	<25	ND
TW-12	7-8'	1.5	<25	<25	**260+++**	<25	<25	ND
TW-13	2-3'	1.5	<25	<25	**270+++**	<25	<25	ND
TW-13	4-5'	1.5	<26	<26	**160+++**	<26	<26	ND
Methanol Blank			<25	<25	**380+++**	<25	<25	ND

Note: **+++** At least some PCE contamination in soil samples collected August 7, 2006 is the result of cross-contamination. According to Pace Analytical it is likely the PCE is from the sample bottle used (provided by laboratory). Results for all other parameters can be considered valid. See lab report.

TABLE 2
INVESTIGATIVE SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS
Former Express Cleaners, Brookfield, WI

Sample ID	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)	Other Compounds Detected? (ug/kg)
SITE INVESTIGATION SAMPLES COLLECTED AUGUST 25, 2006								
B-14	1.75-2'	0.0	<26	<26	<26	<26	<26	ND
B-15	1.75-2'	1.0	<26	<26	**57**	<26	<26	ND
B-16	1.5'	0.0	<25	<25	**32**	<25	<25	ND
B-17	2'	0.0	<25	<25	**40**	<25	<25	ND
B-18	1.5'	0.0	<25	<25	**36**	<25	<25	ND
MeOH Blank			<25	<25	<25	<25	<25	ND
RR-682 Residual Contaminant Levels			27	98	4.1	3.7	0.1	
RR-682 SSL Soil Ingestion Non-Industrial			156000	313000	1230	160	42.6	

Notes: *ND= Not detected* *NS = No standard established* *NC= Standard not calculated*
BOLD *indicates exceedance of residual contaminant level for migration to groundwater.*

TABLE 3

GROUNDWATER ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS

Former Express Cleaners, Brookfield, WI

Sample ID	Sample Date	Static Water Level (ft. MSL)	ANALYTICAL PARAMETER cis-1,2 DCE c-DCE (ug/l)	trans-1,2 DCE t-DCE (ug/l)	Tetrachloroethene PCE (ug/l)	Trichloroethene TCE (ug/l)	Vinyl Chloride VC (ug/l)
GP-1	11/21/05	---	<0.83	<0.89	<0.45	<0.48	<0.18
GP-2	11/21/05	---	<0.83	<0.89	<0.45	<0.48	<0.18
TW-1	7/10/06	92.01	<0.83	<0.89	0.49	<0.48	<0.18
TW-3	7/10/06	91.66	<0.83	<0.89	<0.45	<0.48	<0.18
TW-4	7/10/06	91.72	<0.83	<0.89	**0.55**	<0.48	<0.18
TW-4	9/11/06	91.72	<0.83	<0.89	**3.8**	<0.48	<0.18
TW-6	7/10/06	91.59	<0.83	<0.89	<0.45	<0.48	<0.18
TW-6	9/11/06	91.54	<0.83	<0.89	**0.96**	<0.48	<0.18
TW-7	7/10/06	91.48	**13**	<0.89	**13**	**10**	<0.18
TW-7	9/11/06	91.51	**17**	<0.89	**8.9**	**7.7**	<0.18
TW-10	8/7/06	91.96	<0.83	<0.89	<0.45	<0.48	<0.18
TW-10	9/11/06	91.50	<0.83	<0.89	**1.0**	<0.48	<0.18
TW-11	8/7/06	91.49	<0.83	<0.89	<0.45	<0.48	<0.18
TW-11	9/11/06	91.35	<0.83	<0.89	<0.45	<0.48	<0.18
TW-12	8/7/06	91.28	<0.83	<0.89	<0.45	<0.48	<0.18
TW-12	9/11/06	91.31	<0.83	<0.89	<0.45	<0.48	<0.18
TW-13	8/7/06	91.94	<0.83	<0.89	<0.45	<0.48	<0.18
TW-13	9/11/06	91.89	<0.83	<0.89	<0.45	<0.48	<0.18
NR 140.10 Preventive Action Limit			7	20	0.5	0.5	0.02
NR 140.10 Enforcement Standard			70	100	5	5	0.2

Notes: ***BOLD*** *value indicates exceedance of NR 140.10 Preventative Action Limit*

BOLD *value indicates exceedance of NR 140.10 Enforcement Standard*

TABLE 4
REMEDIATION SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS
Former Express Cleaners, Brookfield, WI

Sample ID	Sample Date	Depth (feet)	PID Reading (su)	Analytical Parameter cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)
1	9/15/06	2.5'	0.0	<25	<25	**80**	<25	<25
2	9/15/06	2.5'	0.0	<26	<26	<26	<26	<26
3	9/15/06	2.5'	0.0	<25	<25	**60**	<25	<25
4	9/15/06	5.5'	0.0	<23	<23	<23	<23	<23
5	9/15/06	5.5'	0.0	<27	<27	<27	<27	<27
6	9/15/06	2.5'	0.0	<25	<25	**40**	<25	<25
7	9/15/06	2.5'	0.0	<25	<25	**180**	<25	<25
8	9/15/06	2.5'	0.0	<25	<25	**250**	<25	<25
9	9/15/06	2.5'	1.0	<25	<25	**92**	<25	<25
10	9/15/06	2.5'	0.0	<25	<25	**50**	<25	<25
11	9/15/06	5.5'	0.0	<25	<25	**89**	<25	<25
12	9/15/06	2.5'	0.0	<25	<25	**78**	<25	<25
13	9/15/06	7'	0.0	<26	<26	<26	<26	<26
14	9/15/06	7'	0.0	<27	<27	<27	<27	<27
15	9/19/06	2.5'	0.0	<25	<25	<25	<25	<25
16	9/19/06	2.5'	0.6	<24	<24	<24	<24	<24
17	9/19/06	2.5'	0.6	<25	<25	**25**	<25	<25
18	9/19/06	2.5'	2.4	<24	<24	**110**	<24	<24
19	9/19/06	2.5'	0.0	<23	<23	**25**	<23	<23
20	9/19/06	2.5'	0.0	<24	<24	**45**	<24	<24
21	9/19/06	7'	0.0	<28	<28	<28	<28	<28
22	9/20/06	7'	0.6	<30	<30	<30	<30	<30
23	9/20/06	11'	0.6	<24	<24	<24	<24	<24
24	9/20/06	2.5'	1.6	<25	<25	**91**	<25	<25

TABLE 4

REMEDIATION SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS

Former Express Cleaners, Brookfield, WI

Sample ID	Sample Date	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)
25	9/20/06	2.5'	0.0	<23	<23	<23	<23	<23
26	9/20/06	2.5'	0.6	<26	<26	<26	<26	<26
27	9/20/06	5.5'	0.0	<29	<29	<29	<29	<29
28	9/20/06	7'	0.6	<37	<37	<37	<37	<37
29	9/20/06	11'	0.0	<23	<23	<23	<23	<23
30	9/20/06	7'	0.0	<31	<31	<31	<31	<31
31	9/20/06	11'	0.0	<24	<24	<24	<24	<24
32	9/20/06	7'	0.6	<32	<32	<32	<32	<32
33	9/20/06	11'	0.0	<23	<23	**68**	<23	<23
34	9/20/06	7'	0.6	<28	<28	<28	<28	<28
35	9/20/06	11'	0.0	<23	<23	<23	<23	<23
36	9/20/06	11'	0.0	<31	<31	<31	<31	<31
37	9/20/06	5.5'	0.0	<24	<24	<24	<24	<24
38	9/21/06	2.5'	0.0	<23	<23	**36**	<23	<23
39	9/21/06	7'	0.0	<28	<28	<28	<28	<28
40	9/21/06	2.5'	0.6	<24	<24	**40**	<24	<24
41	9/21/06	2.5'	0.0	<26	<26	<26	<26	<26
42	9/21/06	13.75'	0.0	<22	<22	<22	<22	<22
43	9/22/06	2.5'	0.0	<27	<27	<27	<27	<27
44	9/22/06	2.5'	0.6	<24	<24	<24	<24	<24
45	9/22/06	7'	0.0	<28	<28	<28	<28	<28
46	9/22/06	2.5'	0.0	<23	<23	<23	<23	<23

TABLE 4

REMEDIATION SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS

Former Express Cleaners, Brookfield, WI

Sample ID	Sample Date	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)
47	9/25/06	2.5'	NS	<23	<23	<23	<23	<23
48	9/25/06	5.5'	NS	<27	<27	<27	<27	<27
49	9/25/06	2.5'	NS	<21	<21	**35**	<21	<21
50	9/28/06	2.5'	NS	<26	<26	**35**	**44**	<26
51	10/2/06	2.5'	NS	<25	<25	<25	<25	<25
RR-682 Residual Contaminant Levels				27	98	4.1	3.7	0.1

Notes: *ND= Not detected* *NS = Not field screened* *NC= Standard not calculated*

BOLD *indicates exceedance of residual contaminant level for migration to groundwater. Soil from all of these locations was excavated.*

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners		TW-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf Firm: Probe Technologies	06/21/2006	06/21/2006	direct Push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW-1	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
SW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (in ppm)	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	0-0.33' Concrete 0.33-1.5' gravel & sand fill	FILL			0.0		D				
	48/28		2	1.5-5' brown sandy clay w/ gravel (20%). Sand f-m grained, gravel angular to subrounded, up to 1/2" ∅ cobbles also present	CL			0.1		D				lab-voc 2-3'
			3											
			4					0.0						
			5	5-5.25' black gravel, coarse	GP					D				natural organic odor
2	48/30		6	5.25-6.5' brown sandy clay w/ gravel (15%). Sand f-m grained	CL					M				
			7	6.5-6.75 gravel - well sorted 1/4" ∅	GP			0.0						
				6.75-8' poorly sorted gravel w/ brown sand	GP					m-w				
			8	8-13.75' brown sandy clay. w/ gravel. Sand f-m grained 10% gravel. Moderate plasticity	CL			0.0						
3	48/40		9											
			10											
			11					0.0						
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Amy Haak Firm Alpha Terra Science

TW-1

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24		8-13.75	8-13.75 brown sandy clay w/ gravel 12-13.75' very soft, sticky	CL			0.0		W				
			13.75	13.75 - 14' brown sand w/ clay + 1/8" gravel	SC									
			14	EOB @ 14' set temporary well										
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											
			31											
			32											

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SOIL BORING LOG INFORMATION

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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

acility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners		B-2

ing Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf m: Probe Technologies	06/21/2006	06/21/2006	direct Push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2 inches

ocal Grid Origin ☐ (estimated: ☐) or Boring Location ☐
e Plane _____ N, _____ E S/C/N
W 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

acility ID	County	County Code	Civil Town/City/ or Village
168506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID 2' interval	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/36		1	0-0.33' Concrete 0.33-1.75' gravel & Sand fill	FILL			0.0		D				
			2	1.75-5.25' brown sandy clay w/ gravel. Sand f-m grained ~20% gravel, low to no plasticity, cobbles also present	CL			0.0		D				
			3											
			4											
			5					2.2		D				lab VOC 4-5'
2	48/44		6	5.25-5.5' brown well sorted medium grained sand w/ gravel (5%) ~ 1/4" ø	SP									
			7	5.5-6.25' organic rich (dk brown) silty clay w/ trace gravel	OL			0.0		M				natural organic odor old topsoil layer?
			8	6.25-8.25' dk gray silt no plasticity	ML					M				
			9	8.25-8.5 poorly sorted gravel w/ brown clay	GC			0.0		M-W				
3	48/44		10	8.5-10.5 yellow/orange silt w/ gravel, rusty looking (oxidized) in places gravel subangular to subrounded	ML									
			11	10.5-14' brown silt w/ trace gravel, soft, slightly sticky no plasticity	MH			0.0		W				
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Amy Haak Firm alpha Terra Science

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B-2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24/4		13	10.5-14' brown silt w/ trace gravel, soft, slight sticky no plasticity	ML			0.0		W				
			14	EOB @ 14' abandoned w/ granular bentonite										
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											
			31											
			32											

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SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

acility/Project Name: Former Express Cleaners	License/Permit/Monitoring Number: _____	Boring Number: TW-3

ing Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Berdorf : Probe Technologies	Date Drilling Started 06/21/2006	Date Drilling Completed 06/21/2006	Drilling Method direct Push	
Unique Well No.	DNR Well ID No.	Well Name TW-3	Final Static Water Level _____ Feet MSL	Surface Elevation _____ Feet MSL

Borehole Diameter: 2 inches

ocal Grid Origin ☐ (estimated: ☐) or Boring Location ☐
e Plane _____ N, _____ E S/C/N
U 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

acility ID: 68506040	County: Waukesha	County Code: 68	Civil Town/City/ or Village: Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID (ppm)	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48/44		1	0-.33' concrete 0.33-1' gravel + sand fill 1-3.75' brown sandy clay w/ gravel. Sand f-m grained ~15% gravel, cobbles present	FILL CL			0.0		D				lab voc 2-3'
			3					0.0		D				
			4	3.75-5.25 brown poorly sorted sand w/ gravel (40%)	SP									
2	48/48		5	5.25-6' brown to gray silty clay w/ low plasticity	CL			0.0		M				
			6	6-7' dk brown organic rich silt, no plasticity	OL					M				natural organic odor old topsoil zon
			7	7-8.25' gray silty clay, low plasticity	CL			0.0		M				lab voc 7-8'
			8							W				
3	48/36		9	8.25-9' poorly sorted brown sand w/ gravel 9-9.75' gravel w/ brown poorly sorted sand	SP GP			0.0		W				
			10	9.75-12' brown poorly sorted sand w/ 25% gravel gravel angular to subranded soft	SP					W				
			11					0.0						
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Haak Firm: alpha Terra Science

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MW-6

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24/0		13	NO RECOVERY										
			14	EOB @ 14' Set temporary well										
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											
			31											
			32											

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SOIL BORING LOG INFORMATION

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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

acility/Project Name: Former Express Cleaners	License/Permit/Monitoring Number:	Boring Number: TW-4	
ing Drilled By: Name of crew chief (first, last) and Firm — First Name: Dan Last Name: Bendorf — m: Probe Technologies	Date Drilling Started: 06/21/2006	Date Drilling Completed: 06/21/2006	Drilling Method: direct Push
Unique Well No.	DNR Well ID No.	Well Name: TW-4	Final Static Water Level: ____ Feet MSL
Surface Elevation: ____ Feet MSL	Borehole Diameter: 2 inches		

cal Grid Origin ☐ (estimated: ☐) or Boring Location ☐
te Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E ____ Feet ☐ S ____ Feet ☐ W
W 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E W

acility ID: 268506040	County: Waukesha	County Code: 68	Civil Town/City/ or Village: Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID/Instrument	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48/18		1	0-0.33' concrete 0.33-1.5' Sand & gravel fill	FILL			2.4		D A				
			2	1.5-6.5' brown sandy clay w/ 20-30% gravel sand f-m grained, cobbles too	CL			2.2						lab VOC 2-3'
			3											
			4					1.2		A M				lab TOC 4-6'
			5											
2	48/44		6	6.5-6.75' dk brown organic rich silty clay	OL			0.0		M				
			7	6.75-8.5' gray mottled silty clay moderate plasticity	CL					M				lab VOC 7-8'
			8											
3	48/44		9	8.5-12' yellow brown sandy silt w/ 10% gravel mottled-oxidated (rusty) looking very soft sticky	MH			0.0		W				lab 8-10' TOC
			10											
			11					0.0						
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Haak Firm: alpha Terra Science

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TW-4

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID 2' interval	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	48 / 46		12 13 14 15 16	12-16' tan sandy clay w/ 10% gravel Sand = med grained Soft, sticky	CH			0.0 0.0		W				
5	48 / 3		16 17 18 19	16-18' gray silt no plasticity refusal @ 18' set temporary well	ML			0.0		M				lab VOC 15-16'
			20 21 22 23 24 25 26 27 28 29 30 31 32											

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners		B-5

Drilling Contractor: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Bendorf Firm: Probe Technologies	06/21/2006	06/21/2006	direct Push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E/W

Lat ° ' "
Long ° ' "

Local Grid Location
☐ N ☐ E
Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID 2' intervals	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48/20		1	0-0.33' concrete 0.33-1.25 Sand + gravel fill	FILL			2.3		D				
			2	1.25-6.5' brown sandy clay w/ 20-30% gravel Sand f-m grained, cobbles also present	CL					D				
			3					1.7						
			4											
			5					1.5		D-M				
2	48/48		6	6.5-6.75' dk brown organic rich silty clay	OL			0.4		M				
			7	6.75-8.5' gray mottled silty clay, moderate plasticity	CL					M				
			8											
3	48/46		9	8.5-12' yellowish brown sandy silt w/ 5-10% gravel mottled/ rusty appearance very soft, stick	MH			0.0		W				
			10											
			11					0.0						
			12	refusal @ 11.75' abandoned w/ granular bentonite										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Haak Firm: alpha Terra Science

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SOIL BORING LOG INFORMATION

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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners		TW-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf Firm: Probe Technologies	06/21/2006	06/21/2006	direct Push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW-6	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
SW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E/W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID 21 meters	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48/38		1 2 3	0-0.33' concrete 0.33-1.75' gravel + sand fill 1.75-6.5' brown sandy clay w/ gravel. Sand f-m grained. 15-20% gravel Subrounded to angular cobbles present	FILL CL			0.0 0.0		D D				lab voc 2-3'
2	48/40		4 5 6 7 8	6.5-7.5' mottled gray silty clay, low plasticity 7.5-14' yellow/brown sandy silt w/ gravel Stained/rusty look Sand med grained 5-10% gravel very soft, sticky	CL MH			DM 0.0 0.7 0.0		m W				lab voc 7-8'
3	48/48		9 10 11 12					0.0						

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Amy Haak Firm alpha Terra Science

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TW-6

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID 2' intervals	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24/6		13	7.5-14' yellow/brown sandy clay w/gravel	CL			0.0		W				poor recovery
			14	EOB @ 14' set temporary well										
			15											
			16											
			17											
			18											
			19											
			20											
			21											
			22											
			23											
			24											
			25											
			26											
			27											
			28											
			29											
			30											
			31											
			32											

artment of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 2

acility/Project Name: Former Express Cleaners	License/Permit/Monitoring Number: _ _ _ _ _ _ _ _	Boring Number: TW-7
ling Drilled By: Name of crew chief (first, last) and Firm — First Name: Dan Last Name: Bardorf — Firm: Probe Technologies	Date Drilling Started: 06/21/2006	Date Drilling Completed: 06/21/2006 — Drilling Method: direct Rush
Unique Well No.: _ _ _ _ _ _	DNR Well ID No.: _ _ _	Well Name: TW-7
	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL
		Borehole Diameter: 2 inches
ocal Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — ce Plane _____ N, _____ E S/C/N	Lat ° ' " — Long ° ' "	Local Grid Location: _____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
W 1/4 of SE 1/4 of Section 29, T 7 N, R 20 ☐E ☐W		
acility ID: 268506040	County: Waukesha	County Code: 68 — Civil Town/City/ or Village: Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48 / 24		1	0-0.33' Concrete 0.33-2' Sand & gravel fill	FILL			0.0		D				
			2	2'-4.5' brown sandy clay w/ gravel Sand f-m grained 10% gravel, cobbles present	CL			0.0		D				lab VOC 2-3'
			3											
			4							D-M				
			5	4.5-5.5 brown med grained well sorted sand w/ gravel (15%)	SP			0.0						
2	48 / 36		6	5.5-7.5' gray mottled silty clay, low plasticity	CL					M				Lab VOC 6.5-7.5
			7					0.0						
			8	7.5-11' yellow brown sandy silt w/ gravel (10%) Sand med graered very soft, sticky	MH					W				
			9					0.0						
3	48 / 48		10											
			11	11-14' tan sandy silt w/ trace gravel, no plasticity very soft				0.0		W				
			12											

ereby certify that the information on this form is true and correct to the best of my knowledge.

gnature: Amy Haak — Firm: alpha Terra Science

his form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, ncluding where the completed form should be sent.

TW-7

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24/10		11–14	11-14': tan sandy silt w/ trace gravel	MH			0.0		W				
			14	EOB @14' Set temporary well										
			15											
			16											
			17											
			18											
			19											
			20											
			21											
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			31											
			32											

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artment of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners	_ _ _ _ _ _ _ _	B-8

Drilling Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf Firm: Probe Technologies	06/21/2006 (m m d d y y y y)	06/21/2006 (m m d d y y y y)	direct Push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID interval 21	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48		1	0-0.33' concrete 0.33-2' sand + gravel fill	FILL			0.0		D				
	48		2	2-3.5' brown sandy clay w/ 10% gravel, cobbles	CL			0.0		D				
			3	3.5-4' gravel w/ clay poorly graded, brown	GP					D				
			4	4-6.75' brown sandy clay w/ gravel. Sand f-m grained. 20% gravel				0.0		M				lab 4.5-5.5' VOC
	48		5											
	48		6											lab TOC 6-7'
			7	6.75-8' dk gray mottled silt w/ 30% 1/4" Ø well-rounded gravel no plasticity	ML			0.0		M				
			8	EOB @ 8' abandoned w/ granular bentonite										
			9											
			10											
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Amy Haak Firm alpha Terra Science

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners	_ _ _ _ _ _ _	B-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf Firm: Probe Technologies	06/21/2006 (m m d d y y y y)	06/21/2006 (m m d d y y y y)	direct push

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
SW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E W

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID Instrument ≥7	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48/44		1	0-0.33' concrete 0.33-2.25' gravel + sand fill	FILL			0.0		D				
			2	2.25-6.5' brown sandy clay w/20% gravel. Sand f-m grained, cobbles present	SCL					D				lab VOC 3-4' lab TOC 4-6'
			3					0.0						
			4					0.0						
			5	↓										
2	48/48		6											
			7	6.5-8' mottled green + dk gray silty clay low plasticity	CL			0.0		M				
			8	EOB @ 8' abandoned w/ granular bentonite										
			9											
			10											
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Amy Haak	Alpha Terra Science

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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

acility/Project Name: Former Express Cleaners	License/Permit/Monitoring Number: _____	Boring Number: TW-10

ing Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Berdorf m: Probe Technologies	Date Drilling Started: 08/07/2006	Date Drilling Completed: 08/07/2006	Drilling Method: direct Push

Unique Well No.	DNR Well ID No.	Well Name: TW-10	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches

cal Grid Origin ☐ (estimated: ☐) or Boring Location ☐
e Plane _____ N, _____ E S/C/N
W 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E W

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

acility ID: 268506040	County: Waukesha	County Code: 68	Civil Town/City/ or Village: Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/36		1	0-0.33' concrete 0.33-3' gravel and sand fill	FILL			1.5		D				
			2	3'-6.5' brown sandy clay w/ gravel, f-m-c sand cobbles	CL			1.5		m				lab sample 2-3' VOC
			3											
			4											lab sample 4-5' VOC
			5					1.5						
	48/36		6					1.5						
			7	6.5-6.6" dk gray clay seam 6.6'-8' brown sandy clay w/ gravel	CL CL					m m				
			8	8-8.5' gray silty sand	SM									lab sample 8-9' VOC
	48/48		9	8.5-14' brown sandy clay w/ gravel, soft, low plasticity	CL			3.1		W				
3			10											
			11					4.7						
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Haak Firm: alpha Terra Science

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Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24/24		13	8.5-14' brown sandy clay w/ gravel, soft, low plast.	CL			3.1		W				
			14	EOB @ 14'										
			15	Set 1" monitoring well										
			16											
			17											
			18											
			19											
			20											
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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

acility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners		TW-11

ing Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf m: Probe Technologies	08/07/2006 (mm/dd/yyyy)	08/07/2006 (mm/dd/yyyy)	direct push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW-11	Feet MSL	Feet MSL	2 inches

cal Grid Origin ☐ (estimated: ☐) or Boring Location ☐		Local Grid Location
c Plane _____ N, _____ E S/C/N	Lat ° ' "	☐ N ☐ E
W 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E/W	Long ° ' "	Feet ☐ S Feet ☐ W

acility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	0-0.33' concrete										
	48/36		1	0.33-3' lt brown sand & gravel fill	FILL			1.5		d				
			2					1.5						lab sample 2-3' VOC
			3	3'-7' lt brown sandy clay w/ gravel. Sand f-c grained ½" to 1" ø gravel, cobbles present	CL					m				
			4					1.5						lab sample 4-5' VOC
			5											
	48/48		6											
			7	7-9' dk gray silty clay w/ tr. gravel & sand, no plasticity	CL			1.5		m				lab sample 7-8' VOC
			8											
			9	9-9.1' reddish orange med grained sand	SP			1.5		w				
	48/48		10	9.1-11.5' lt brown to reddish sandy silt w/ trace gravel low plasticity	ML									
			11					1.5		w				
			12	11.5-14' lt brown sandy silt w/ tr gravel, low-plast.	ML									

ereby certify that the information on this form is true and correct to the best of my knowledge.

ignature	Firm
Amy Haak	alpha Terra Science

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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24/24		13	11.5-14' dk brown sandy silt w/trace gravel	ML			1.5						
			14	EOB @ 14' set 1" monitoring well										
			15											
			16											
			17											
			18											
			19											
			20											
			21											
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SOIL BORING LOG INFORMATION

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Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners		TW-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf Firm: Probe Technologies	08/07/2006 (mm/dd/yyyy)	08/07/2006 (mm/dd/yyyy)	direct Push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
		TW-12	_____ Feet MSL	_____ Feet MSL	2 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
SW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 ☒ E ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/36		1	0-0.33 concrete 0.33-2.5' brown sand & gravel fill	FILL			1.5		D				
			2					1.5						lab sample 2-3' VOC
			3	2.5-6.5' brown sandy clay w/25% gravel, cobbles	CL					M				
			4					1.5						lab sample 4-5' VOC
2	48/48		6	6.5-6.75' dk brown organic rich silty clay	OL			1.5		M				
			7	6.75-10' gray mottled silty clay, moderate plasticity	CL					M				lab sample 7-8' VOC
			8											
			9					1.5		W@9'				
3	48/48		10	10-12' yellowish sandy silt w/~10% gravel very soft, sticky	MH					W				
			11					1.5						
			12											

Hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Amy Haak Firm alpha Terra Science

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TW-12

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
4	24/24		12-14	12-14' tan sandy clay w/ ~10% gravel, soft, sticky	CH			1.5		W				
			14	EOB @ 14' set 1" monitoring well										
			15											
			16											
			17											
			18											
			19											
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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

acility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners	_ _ _ _ _ _ _	TW-13

Eng Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Dan Last Name: Berdorf m: Probe Technologies	08/07/2006 (m m/d d/y y y y)	08/07/2006 (m m/d d/y y y y)	direct Push

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _	_ _ _	TW-13	_____ Feet MSL	_____ Feet MSL	2 inches

aal Grid Origin ☐ (estimated: ☐) or Boring Location ☐		Local Grid Location
e Plane _____ N, _____ E S/C/N	Lat ° ' "	☐ N ☐ E
W 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E W	Long ° ' "	_____ Feet ☐ S _____ Feet ☐ W

acility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Town of Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	48/36		0	0-0.33' concrete										
			1	0.33-3' brown sand + gravel fill	FILL			1.5		D				
			2					1.5						lab sample 2-3' VOC
			3	3-5' brown sandy clay w/ gravel (20-30%) ± cobbles	CL					M				
			4											lab sample 4-5' VOC
2	48/48		5	5-6.5' gray silty clay low plasticity, stiff	CL			1.5		M				
			6											
			7	6.5-7' dk brown organic rich silty clay	OL			1.5						
			8	7-8' tan sandy clay Sand = med grained, soft	CL									lab sample 7-8' VOC
			9	8-8.3' gray silty sand Sand = med grained	SM			1.5		M				
3	48/48		10	8.3-9.5' lt brown silty sand Sand = med-coarse grained	SM					W				
			11	9.5-10' lt brown sandy silt soft,	MH			1.5		W				
			12	10-14' brown/gray sandy clay w/ gravel, soft	CH									

Hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Amy Haak Firm alpha Terra Science

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Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
4	24/24		10-14	10-14' brown/gray sandy clay w/ gravel, soft ↓ EOB @ 14' Set 1" monitoring well	CH			1.5		W				
			13											
			14											
			15											
			16											
			17											
			18											
			19											
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			29											
			30											
			31											
			32											

Department of Natural Resources — Form 4400-122 — Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Revelopment ■ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners		B-14

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Ken Last Name: Ebbott Firm: Alpha Terra Science	08/22/2006	08/22/2006	Hand auger

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			____ Feet MSL	____ Feet MSL	2.75 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ____ Feet ☐ S ☐ E ____ Feet ☐ W

SW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 (E)W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	0-0.33' Concrete 0.33-2' sand + gravel fill. Gravel / rock up to 3" Ø, sand f-c	FILL			0.33'=0.8 1.5'=0.0		=1.8				lab sample 1.75-2'
			2	refusal @ 2', EOB										
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature [signature] Firm Alpha Terra Science

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ■ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners	_ _ _ _ _ _ _ _	B-15

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Ken Last Name: Ebbott Firm: Alpha Terra Science	08/22/2006 (m m d d y y y y)	08/22/2006 (m m d d y y y y)	Hand auger

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _		_____ Feet MSL	_____ Feet MSL	2.75 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
SW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 (E) W

Lat ° ' "
Long ° ' "

Local Grid Location ☐ N ☐ E
_____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Brookfield

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			1	0-0.33' Concrete 0.33-2' lt brown sand + gravel fill, sand f-c grained, gravel/ rock to 4"Ø	FILL			0.33-0.8' = 0.0 1.5-1.8' = 1.0						lab sample 1.75-2'
			2	refusal @ 2', EOB										
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

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Signature [signature] Firm Alpha Terra Science

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Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ■ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners	_ _ _ _ _ _ _ _	B-16

Drilling By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Ken Last Name: Ebbott Firm: Alpha Terra Science	08/22/2006 (m m/d d/y y y y)	08/22/2006 (m m/d d/y y y y)	Hand auger

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _	_ _ _		_____ Feet MSL	_____ Feet MSL	2.75 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
26 8506040	Waukesha	68	Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	0-0.33' concrete 0.33-2' lt brown sand + gravel fill, sand f-c grained, gravel/rock to 4" Ø	FILL			0.5+1'=0.0						lab sample @ 1.5'
			2											
			3	EOB @ 2' - refusal w/ hand auger										
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature _____ Firm Alpha Terra Science

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epartment of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ■ Other ☐ _____

Page 1 of 1

acility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners	_ _ _ _ _ _ _ _	B-17

oring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Ken Last Name: Ebbott Firm: Alpha Terra Science	08/22/2006 (m m d d y y y y)	08/22/2006 (m m d d y y y y)	Hand auger

VI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _ _		_____ Feet MSL	_____ Feet MSL	2.75 inches

ocal Grid Origin ☐ (estimated: ☐) or Boring Location ☐	Lat ° ' "	Local Grid Location
tate Plane _____ N, _____ E S/C/N	Long ° ' "	_____ Feet ☐ N ☐ S _____ Feet ☐ E ☐ W
SW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 (E) W		

acility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Brookfield

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	0-0.33' Concrete 0.33-2' Sand & gravel fill Sand fine - coarse grained gravel up to 4"Ø	FILL			0.5-1' = 0.0 1-2' = 0.0						lab sample @ 2'
			2	Refusal @ 2' EOB										
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

hereby certify that the information on this form is true and correct to the best of my knowledge.

ignature	Firm
Ken Ebbott	alpha Terra Science

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partment of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ■ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Former Express Cleaners	_ _ _ _ _ _ _ _	B-18

Drilling Contractor: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Ken Last Name: Ebbott Firm: Alpha Terra Science	08/22/2006	08/22/2006	Hand auger

Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _	_ _ _		_____ Feet MSL	_____ Feet MSL	2.75 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E S/C/N
NW 1/4 of SE 1/4 of Section 29, T 7 N, R 20 E/W
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
268506040	Waukesha	68	Brookfield

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	0-0.33' concrete 0.33-1.5' lt. brown sand + gravel fill f-c sand, gravel/rock up to 4" Ø	FILL			0.5-1.5' = 0.0						lab sample @ 1.5'
			2	Refusal @ 1.5' EOB										
			3											
			4											
			5											
			6											
			7											
			8											
			9											
			10											
			11											
			12											

Hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
	Alpha Terra Science

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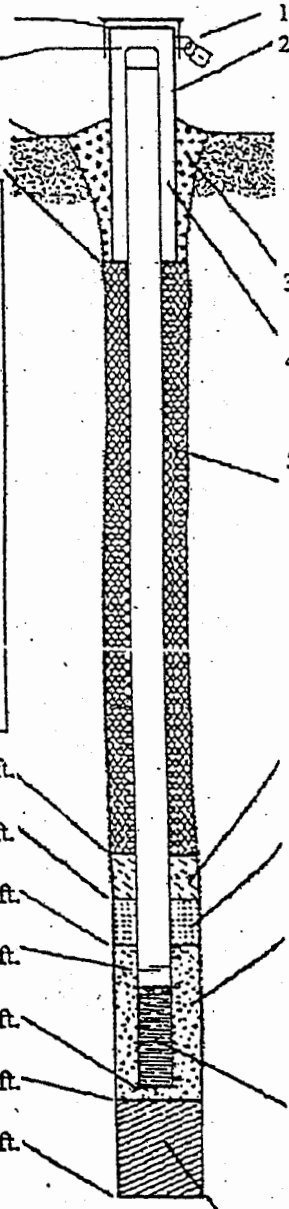
Wisconsin Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

City/Project Name: former Express Cleaners	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: TW-1
City License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
City ID: 268506040	St. Plane ft. N, ft. E. S/C/N	Date Well Installed: 8/21/2006 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29 T. 7 N, R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf / Probe Technologies
Distance from Waste/ Source ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number



A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ■ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ■ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ direct push

14. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

15. Drilling additives used? ☐ Yes ☒ No

Describe ____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top ____ ft. MSL or 0.5 ft.

Fine sand, top ____ ft. MSL or ____ ft.

F. Filter pack, top ____ ft. MSL or 2.0 ft.

H. Screen joint, top ____ ft. MSL or 4.0 ft.

Well bottom ____ ft. MSL or 14.0 ft.

J. Filter pack, bottom ____ ft. MSL or 14.0 ft.

Borehole, bottom ____ ft. MSL or 14.0 ft.

L. Borehole, diameter 2.0 in.

M. O.D. well casing 1.02 in.

N. I.D. well casing 0.80 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 0.5 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. ____
b. Volume added ____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Badger mining 40/60
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer geoprobe
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Amy Hook	Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

te of Wisconsin
partment of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

cility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-1

cility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68	_____	_____

Can this well be purged dry? ☒ Yes ☐ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

. Time spent developing well 171 min.

. Depth of well (from top of well casisng) 14.0 ft.

. Inside diameter of well 0.80 in.

. Volume of water in filter pack and well casing 0.2 gal.

. Volume of water removed from well 1.1 gal.

. Volume of water added (if any) 0. gal.

. Source of water added N/A

0. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.14 ft.	____.__ ft.
Date	b. 07/10/2006 (m m d d y y y y)	__/__/____ (m m d d y y y y)
Time	c. 10:47 ☐ a.m. ☐ p.m.	13:36 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)
	lt brown	lt brown, less turbid, cloudy
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

17. Additional comments on development:
. Pumped dry 3 times
- dry @ 10:50, 0.5 gal
- dry @ 11:15, 0.1 gal
- dry @ 13:36, 0.5 gal

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Timothy Last Name: Timmerman III
Facility/Firm: Bluemound Plaza LLC
Street: Po Box 61
City/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Amy Haak
Print Name: Amy Haak
Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No.: _ _ _ _ _ _
DNR Well ID No.:
County: Waukesha
Common Well Name: TW-1
Gov't Lot (If applicable):
Grid Location: SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W
_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. ____ ° ____ ' ____ . ____ " Long ____ ° ____ ' ____ . ____ " or
St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone
Reason For Abandonment: temporary well
WI Unique Well No. of Replacement Well: _ _ _ _ _ _

(2) FACILITY / OWNER INFORMATION

Facility Name: Former Express Cleaners
Facility ID: 268506040
License/Permit/Monitoring No.:
Street Address of Well: 19555 W. Bluemound Rd
City, Village, or Town: Brookfield
Present Well Owner: Bluemound Plaza LLC
Original Owner: Bluemound Plaza LLC
Street Address or Route of Owner: PO Box 61
City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 6/21/06
■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole
If a Well Construction Report is available, please attach.
Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify): direct push
Formation Type:
■ Unconsolidated Formation ☐ Bedrock
Total Well Depth (ft.) (From groundsurface): 14
Casing Diameter (in.): 1.02
Casing Depth (ft.): 4
Lower Drillhole Diameter (in.): 2
Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown
If Yes, To What Depth? 2 Feet
Depth to Water (Feet): ~8'

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	
Was Casing Cut Off Below Surface?	■ Yes	☐ No	
Did Sealing Material Rise to Surface?	■ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	■ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	14'	0.3 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science
Date of Abandonment: 9/15/06
Signature of Person Doing Work: Amy Haak
Date Signed: 10/18/06
Street or Route: 1237 S. Pilgrim Rd
Telephone Number: (920) 892-2444
City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY
Date Received:
Noted By:
Comments:

Wisconsin Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: former Express Cleaners	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: TW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or	Wis. Unique Well No.	DNR Well ID No.
Facility ID: 268506040	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 06/21/2006 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29, T. 7 N, R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf / Probe Technologies
Distance from Waste/Source ____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

Protective pipe, top elevation _____ ft. MSL

Well casing, top elevation _____ ft. MSL

Land surface elevation _____ ft. MSL

Surface seal, bottom _____ ft. MSL or _____ ft.

2. USCS classification of soil near screen:
GP ■ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
SM ☐ SC ☐ ML ☐ MH ☐ CL ■ CH ☐
Bedrock ☐

3. Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ direct push

Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe: _____

17. Source of water (attach analysis, if required):

_____

18. Bentonite seal, top _____ ft. MSL or 0.5 ft.

19. Fine sand, top _____ ft. MSL or _____ ft.

20. Filter pack, top _____ ft. MSL or 1.9 ft.

21. Screen joint, top _____ ft. MSL or 3.9 ft.

22. Well bottom _____ ft. MSL or 13.9 ft.

23. Filter pack, bottom _____ ft. MSL or 14.0 ft.

24. Borehole, bottom _____ ft. MSL or 14.0 ft.

25. Borehole, diameter 2.0 in.

26. O.D. well casing 1.20 in.

27. I.D. well casing 0.80 in.

1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 0.5 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Badger Mining 40/60
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer: geoprobe
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Amy Hook	Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

te of Wisconsin
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MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

cility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-3

cility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68	_____	____

Can this well be purged dry? ☒ Yes ☐ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

. Time spent developing well 208 min.

. Depth of well (from top of well casisng) 13.9 ft.

. Inside diameter of well 0.80 in.

. Volume of water in filter pack and well casing 0.2 gal.

. Volume of water removed from well 0.6 gal.

. Volume of water added (if any) 0. gal.

. Source of water added N/A

0. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. ~~11~~8.49 ft.	____.__ ft.
Date	b. 07/10/2006 (mm dd yyyy)	07/10/2006 (mm dd yyyy)
Time	c. 11:02 ☐ a.m. ☐ p.m.	14:30 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe) slightly cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

7. Additional comments on development:
Pumped dry 3 times
11:06 - dry after 0.2 gal
13:25 - dry after 0.2 gal
14:30 - dry after 0.2 gal

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Timothy Last Name: Timmerman III
Facility/Firm: Bluemound Plaza LLC
Street: Po Box 61
City/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Amy Haak
Print Name: Amy Haak
Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropiate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ | DNR Well ID No. | County: Waukesha

Common Well Name: TW-3 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well: _ _ _ _ _

(2) FACILITY / OWNER INFORMATION

Facility Name: Former Express Cleaners

Facility ID: 268506040 | License/Permit/Monitoring No.:

Street Address of Well: 19555 W. Bluemound Rd

City, Village, or Town: Brookfield

Present Well Owner: Bluemound Plaza LLC | Original Owner: Bluemound Plaza LLC

Street Address or Route of Owner: PO Box 61

City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 6/21/06

■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify): direct push

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 14 | Casing Diameter (in.): 1.02 | Casing Depth (ft.): 4

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown

If Yes, To What Depth? 2 Feet

Depth to Water (Feet): ~8.5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	
Was Casing Cut Off Below Surface?	■ Yes	☐ No	
Did Sealing Material Rise to Surface?	■ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	■ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	14	0.3 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science | Date of Abandonment: 9/15/06

Signature of Person Doing Work: Amy Haak | Date Signed: 10/18/06

Street or Route: 1237 S. Pilgrim Rd | Telephone Number: (920) 892-2444

City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

Wisconsin Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

City/Project Name: Former Express Cleaners	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: TW-4
City License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or	Wis. Unique Well No.	DNR Well ID No.
City ID: 268506040	St. Plane ____ ft. N. ____ ft. E. S/C/N	Date Well Installed: 06/21/2006 (m m d d y y y y)
Type of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29 T. 7 N. R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf, Probe Technologies
Distance from Waste/ Source ____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

Protective pipe, top elevation _____ ft. MSL

Well casing, top elevation _____ ft. MSL

Land surface elevation _____ ft. MSL

Surface seal, bottom _____ ft. MSL or _____ ft.

2. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ■ MH ■ CL ■ CH ■
Bedrock ☐

3. Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ direct push

Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 0.5 ft.

Fine sand, top _____ ft. MSL or ____ ft.

H. Filter pack, top _____ ft. MSL or 2.8 ft.

Screen joint, top _____ ft. MSL or 4.9 ft.

Well bottom _____ ft. MSL or 14.9 ft.

I. Filter pack, bottom _____ ft. MSL or 18.5 ft.

Borehole, bottom _____ ft. MSL or 18.5 ft.

L. Borehole, diameter 2.0 in.

O.D. well casing 1.02 in.

I.D. well casing 0.80 in.

1. Cap ~~and lock~~? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 4.9 in.
b. Length: 0.5 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. ____
b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Badger mining 40/60
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer geoprobe
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Amy Hook	Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

cility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-4
cility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
	68	_____ / _____

Can this well be purged dry? ☐ Yes ☒ No

Well development method

surged with bailer and bailed	☐	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☒	51
pumped slowly	☐	50
Other _____	☐	▒

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.35 ft.	12.62 ft.
Date	b. 07/10/2006 (m m d d y y y y)	07/10/2006 (m m d d y y y y)
Time	c. 11:55 ☐ a.m. ☐ p.m.	13:05 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe) lt brown - turbid w fine particles

Time spent developing well 70 min.

Depth of well (from top of well casisng) 14.9 ft.

Inside diameter of well 0.80 in.

Volume of water in filter pack and well casing 0.2 gal.

Volume of water removed from well 2.4 gal.

Volume of water added (if any) 0. gal.

Source of water added N/A

0. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm

First Name: Last Name:

Firm: Alpha Terra Science

7. Additional comments on development:

11:57 dry after 0.1gal - adjusted tubing & the well did not go dry

Name and Address of Facility Contact/Owner/Responsible Party

First Name: Timothy Last Name: Timmerman III

Facility/Firm: Bluemound Plaza LLC

Street: Po Box 61

City/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Amy Haak

Print Name: Amy Haak

Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No.: _ _ _ _ _ _ | DNR Well ID No.: | County: Waukesha

Common Well Name: TW-4 | Gov't Lot (If applicable): _____

SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W
Grid Location

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐S ☐C ☐N Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well: _ _ _ _ _ _

(2) FACILITY/ OWNER INFORMATION

Facility Name: Former Express Cleaners

Facility ID: 268506040 | License/Permit/Monitoring No.:

Street Address of Well: 19555 W. Bluemound Rd

City, Village, or Town: Brookfield

Present Well Owner: Bluemound Plaza LLC | Original Owner: Bluemound Plaza LLC

Street Address or Route of Owner: PO Box 61

City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 6/21/06

■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) direct push

Formation Type:
Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 15 | Casing Diameter (in.): 1.02 | Casing Depth (ft.): 5

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown

If Yes, To What Depth? 3 Feet

Depth to Water (Feet): 8.3

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	
Was Casing Cut Off Below Surface?	■ Yes	☐ No	
Did Sealing Material Rise to Surface?	■ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	■ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	15	0.32 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science | Date of Abandonment: 9/15/06

Signature of Person Doing Work: Amy Haak | Date Signed: 10/18/06

Street or Route: 1237 S. Pilgrim Rd | Telephone Number: (920) 892-2444

City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

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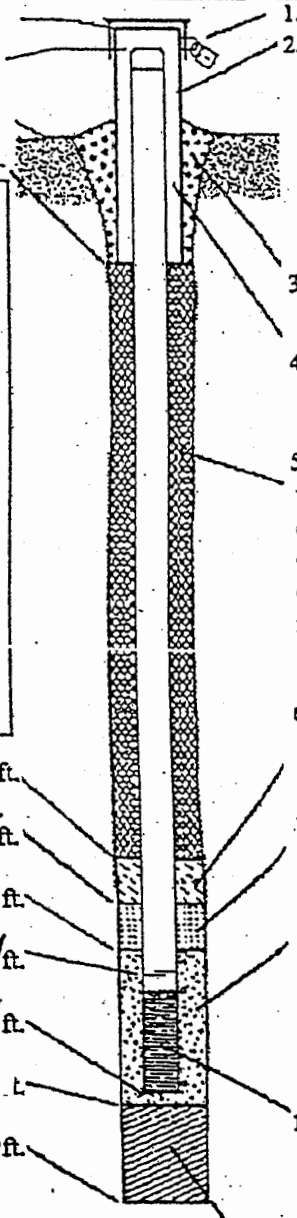
Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

ty/Project Name: former Express Cleaners	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: TW-6
ty License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
ty ID: 268506040	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 06/21/2006 (m m d d y y y y)
pe of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29 T. 7 N, R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf / Probe Technologies
nce from Waste/ rce _____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number:



Protective pipe, top elevation _____ ft. MSL
Well casing, top elevation _____ ft. MSL
Land surface elevation _____ ft. MSL
Surface seal, bottom _____ ft. MSL or _____ ft.

2. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ■ CL ■ CH ☐
Bedrock ☐

3. Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ direct push

Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 0.5 ft.
Fine sand, top _____ ft. MSL or _____ ft.
Filter pack, top _____ ft. MSL or 3.1 ft.
H. Screen joint, top _____ ft. MSL or 3.9 ft.
Well bottom _____ ft. MSL or 13.9 ft.
J. Filter pack, bottom _____ ft MSL or 14.0 ft.
Borehole, bottom _____ ft MSL or 14.0 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 1.02 in.
N. I.D. well casing 0.80 in.

1. Cap and lock: ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 0.5 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Badger Mining 40/60
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐
10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer geoprobe
c. Slot size: 0.010 in.
d. Slotted length: ___ ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Amy Hook	Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

te of Wisconsin
partment of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

cility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-6
cility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
	68	_____	_____

Can this well be purged dry? ☒ Yes ☐ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

. Time spent developing well 157 min.

. Depth of well (from top of well casisng) 13.9 ft.

. Inside diameter of well 0.80 in.

. Volume of water in filter pack and well casing 0.2 gal.

. Volume of water removed from well 0.1 gal.

. Volume of water added (if any) 0. gal.

. Source of water added N/A

0. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.44 ft.	_____ ft.
Date	b. 07/10/2006 (m m d d y y y y)	07/10/2006 (m m d d y y y y)
Time	c. 11:59 ☐ a.m. ☐ p.m.	14:36 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
		offwhite/cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

7. Additional comments on development:
Purged dry 3 times
Dry @ 12:01 after 0.1gal Dry @ 14:36 after 0.1 gal
Dry @ 13:18 after 0.2gal

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Timothy Last Name: Timmerman III
Facility/Firm: Bluemound Plaza LLC
Street: Po Box 61
City/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Amy Haak
Print Name: Amy Haak
Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ | DNR Well ID No. | County: Waukesha

Common Well Name: TW-6 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐S ☐C ☐N Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well: _ _ _ _ _

(2) FACILITY / OWNER INFORMATION

Facility Name: Former Express Cleaners

Facility ID: 268506040 | License/Permit/Monitoring No.:

Street Address of Well: 19555 W. Bluemound Rd

City, Village, or Town: Brookfield

Present Well Owner: Bluemound Plaza LLC | Original Owner: Bluemound Plaza LLC

Street Address or Route of Owner: PO Box 61

City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 6/21/06

■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) direct push

Formation Type:
Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 14 | Casing Diameter (in.): 1.02 | Casing Depth (ft.): 4

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown

If Yes, To What Depth? 2 Feet

Depth to Water (Feet): 8.5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	

Was Casing Cut Off Below Surface?	■ Yes	☐ No
Did Sealing Material Rise to Surface?	■ Yes	☐ No
Did Material Settle After 24 Hours?	☐ Yes	■ No
If Yes, Was Hole Retopped?	☐ Yes	☐ No

Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	14	0.3 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science | Date of Abandonment: 9/15/06

Signature of Person Doing Work: Amy Haak | Date Signed: 10/18/06

Street or Route: 1237 S. Pilgrim Rd | Telephone Number: (920) 892-2444

City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

Wisconsin Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

City/Project Name: former Express Cleaners	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: TW-7
City License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
City ID: 268506040	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 8/21/2006 (m m d d y y y y)
Type of Well: Well Code N / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29, T. 7 N, R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf / Probe Technologies
Distance from Waste/ Source ____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number

Protective pipe, top elevation _____ ft. MSL

Well casing, top elevation _____ ft. MSL

Land surface elevation _____ ft. MSL

Surface seal, bottom _____ ft. MSL or _____ ft.

2. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ■ CL ■ CH ☐
Bedrock ☐

3. Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / direct push / Other ☒

Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

6. Drilling additives used? ☐ Yes ☒ No

Describe _____

7. Source of water (attach analysis, if required):

_____

E. Bentonite seal, top _____ ft. MSL or 0.5 ft.

Fine sand, top _____ ft. MSL or _____ ft.

Filter pack, top _____ ft. MSL or 1.8 ft.

Screen joint, top _____ ft. MSL or 3.8 ft.

Well bottom _____ ft. MSL or 13.8 ft.

I. Filter pack, bottom _____ ft. MSL or 14.0 ft.

Borehole, bottom _____ ft. MSL or 14.0 ft.

L. Borehole, diameter 2.0 in.

O.D. well casing 1.02 in.

I.D. well casing 0.80 in.

1. Cap and lock? ■ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 0.5 ft.
c. Material: Steel ☒ 04 / Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. _____
b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. Badger mining 40/60
b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
b. Manufacturer geoprobe
c. Slot size: 0.010 in.
d. Slotted length: ____ ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Hook Firm: Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

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MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

cility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-7

cility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68	_____	___

Can this well be purged dry? ☐ Yes ☒ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

. Time spent developing well 15 min.

. Depth of well (from top of well casisng) 13.8 ft.

. Inside diameter of well 0.80 in.

. Volume of water in filter pack and well casing 0.2 gal.

. Volume of water removed from well 2.1 gal.

. Volume of water added (if any) 0. gal.

. Source of water added N/A

0. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.53 ft.	8.51 ft.
Date	b. 07/10/2006 (mm/dd/yyyy)	07/10/2006 (mm/dd/yyyy)
Time	c. 12:05 ☐ a.m. ☐ p.m.	12:20 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	_____ mg/l	_____ mg/l
15. COD	_____ mg/l	_____ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

7. Additional comments on development:

initial purge H2O - thicker w/ particles

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Timothy Last Name: Timmerman III
Facility/Firm: Bluemound Plaza LLC
Street: Po Box 61
City/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Amy Haak
Print Name: Amy Haak
Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000 Page 1 of 2

Notice: Please complete Form 3300-5 and return it to the appropiate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. _____ | DNR Well ID No. | County: Waukesha

Common Well Name: TW-7 | Gov't Lot (If applicable):

Grid Location: SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ___ ___ Long ___ ___ ___ or

St. Plane _____ ft. N. _____ ft. E. ☐S ☐C ☐N Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well: _ _ _ _ _ _

(2) FACILITY/OWNER INFORMATION

Facility Name: Former Express Cleaners

Facility ID: 268506040 | License/Permit/Monitoring No.:

Street Address of Well: 19555 W. Bluemound Rd

City, Village, or Town: Brookfield

Present Well Owner: Bluemound Plaza LLC | Original Owner: Bluemound Plaza LLC

Street Address or Route of Owner: PO Box 61

City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 6/21/06

■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify): direct push

Formation Type:
Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 14 | Casing Diameter (in.): 1.02 | Casing Depth (ft.): 4

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown

If Yes, To What Depth? 2 Feet

Depth to Water (Feet): 8.5

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	
Was Casing Cut Off Below Surface?	■ Yes	☐ No	
Did Sealing Material Rise to Surface?	■ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	■ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	14	0.3 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science | Date of Abandonment: 9/15/06

Signature of Person Doing Work: Amy Haak | Date Signed: 10/18/06

Street or Route: 1237 S. Pilgrim Rd | Telephone Number: (920) 892-2444

City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

Wisconsin Dept of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

ty/Project Name: mer Express Cleaners	Local Grid Location of Well: _____ ft. ☐N ☐S, _____ ft. ☐E ☐W	Well Name: TW-10
License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
ID: 268506040	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 08/07/2006 (m m d d y y y y)
Well Code: 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29, T. 7 N, R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf, Probe Technologies
e from Waste/ _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

rotective pipe, top elevation _____ ft. MSL

l casing, top elevation _____ ft. MSL

and surface elevation _____ ft. MSL

face seal, bottom _____ ft. MSL or _____ ft.

SCS classification of soil near screen:

GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
M ■ SC ☐ ML ☐ MH ☐ CL ■ CH ☐
edrock ☐

Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / Other ☒ direct push

Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

5. Drilling additives used? ☐ Yes ☒ No

Describe _____

7. Source of water (attach analysis, if required):

_____

Bentonite seal, top _____ ft. MSL or 0.5 ft.

ne sand, top _____ ft. MSL or _____ ft.

Filter pack, top _____ ft. MSL or 2.0 ft.

creen joint, top _____ ft. MSL or 4.0 ft.

Well bottom _____ ft. MSL or 14.0 ft.

Filter pack, bottom _____ ft. MSL or 14.0 ft.

Borehole, bottom _____ ft. MSL or 14.0 ft.

Borehole, diameter 2.0 in.

O.D. well casing 1.02 in.

I.D. well casing 0.80 in.

1. Cap ~~and lock~~? ■ Yes ☐ No

2. Protective cover pipe:
   a. Inside diameter: 4. in.
   b. Length: 0.5 ft.
   c. Material: Steel ☒ 04 / Other ☐ _____
   d. Additional protection? ☐ Yes ☒ No
   If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
   b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
   c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
   d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
   e. _____ Ft^3 volume added for any of the above
   f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / ~~Gravity~~ ☒ 08

6. Bentonite seal: a. Bentonite granules ☒ 33
   b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
   c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
   a. _____
   b. Volume added _____ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
   a. Badger mining 40/60
   b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____

10. Screen material: Sch 40 PVC
    a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
    b. Manufacturer geoprobe
    c. Slot size: 0.010 in.
    d. Slotted length: _____ ft.

11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Hook Firm: Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

e of Wisconsin
artment of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

ility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-10

ility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68	_____	___

Can this well be purged dry? ☒ Yes ☐ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

Time spent developing well 99 min.

Depth of well (from top of well casisng) 14.1 ft.

Inside diameter of well 1.0 in.

Volume of water in filter pack and well casing 0.6 gal.

Volume of water removed from well 0.6 gal.

Volume of water added (if any) 0. gal.

Source of water added N/A

). Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.09 ft.	12.51 ft.
Date	b. 08/07/2007 (m m d d y y y y)	08/07/2007 (m m d d y y y y)
Time	c. 12:09 ☐ a.m. ☒ p.m.	14:30 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) very turbid, fine particles prsn	Clear ☐ 20 Turbid ☒ 25 (Describe) slightly turbid/cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids ____.__ mg/l ____.__ mg/l

15. COD ____.__ mg/l ____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

7. Additional comments on development:
12:12 dry @ 0.2 gal
14:00 dry @ 0.3 gal
14:30 dry @ 0.1 gal
sampled @ 15:00
cloudy, fine particles

ame and Address of Facility Contact /Owner/Responsible Party
rst ame: Timothy Last Name: Timmerman III
cility/Firm: Bluemound Plaza LLC
reet: PO Box 61
ity/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Amy Haak
Print Name: Amy Haak
Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropiate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ _ | DNR Well ID No. | County: Waukesha

Common Well Name: TW-10 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well _ _ _ _ _ _

(2) FACILITY / OWNER INFORMATION

Facility Name: Former Express Cleaners

Facility ID: 268506040 | License/Permit/Monitoring No.:

Street Address of Well: 19555 W. Bluemound Rd

City, Village, or Town: Brookfield

Present Well Owner: Bluemound Plaza LLC | Original Owner: Bluemound Plaza LLC

Street Address or Route of Owner: P.O. Box 61

City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 8/7/06

■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify) direct push

Formation Type:
Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 14 | Casing Diameter (in.): 1.02 | Casing Depth (ft.): 4

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown

If Yes, To What Depth? 2 Feet

Depth to Water (Feet): 8.6

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	
Was Casing Cut Off Below Surface?	■ Yes	☐ No	
Did Sealing Material Rise to Surface?	■ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	■ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	14	0.3 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science | Date of Abandonment: 9/15/06

Signature of Person Doing Work: Amy Haak | Date Signed: 10/18/06

Street or Route: 1237 S. Pilgrim Rd | Telephone Number: (920) 892-2444

City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

Wisconsin Dept of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Project Name: Homer Express Cleaners	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: TW-11
License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or	Wis. Unique Well No.	DNR Well ID No.
ID: 268506040	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 08/07/2006 (m m d d y y y y)
of Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29 T. 7 N, R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf, Probe Technologies
ce from Waste/ ____ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

rotective pipe, top elevation _____ ft. MSL

l casing, top elevation _____ ft. MSL

and surface elevation _____ ft. MSL

face seal, bottom _____ ft. MSL or _____ ft.

SCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ■
M ☐ SC ☐ ML ■ MH ☐ CL ☐ CH ☐
Bedrock ☐

Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☐ 41; direct push; Other ☒

Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

Drilling additives used? ☐ Yes ☒ No

Describe _____

7. Source of water (attach analysis, if required):

Bentonite seal, top _____ ft. MSL or 0.5 ft.

ine sand, top _____ ft. MSL or _____ ft.

Filter pack, top _____ ft. MSL or 2.0 ft.

Screen joint, top _____ ft. MSL or 4.0 ft.

Well bottom _____ ft. MSL or 14.0 ft.

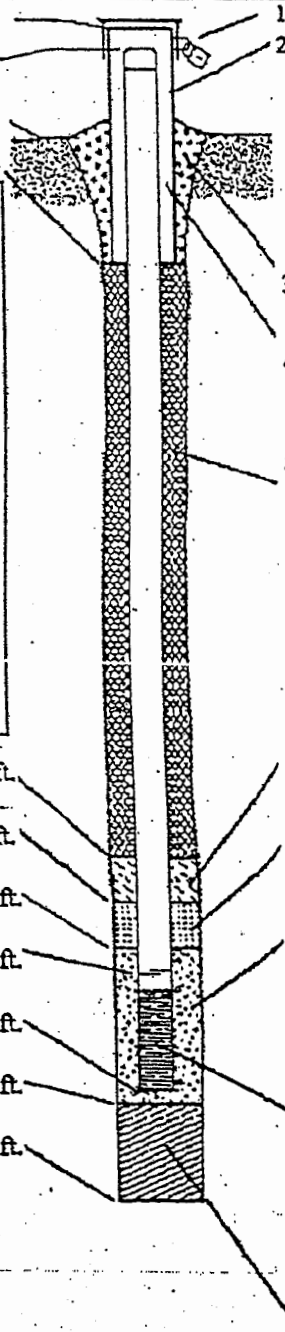
Filter pack, bottom _____ ft. MSL or 14.0 ft.

Borehole, bottom _____ ft. MSL or 14.0 ft.

Borehole, diameter 2.0 in.

O.D. well casing 1.02 in.

I.D. well casing 0.80 in.



1. Cap ~~and lock~~? ■ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 4.0 in.
   b. Length: 05 ft.
   c. Material: Steel ☒ 04; Other ☐
   d. Additional protection? ☐ Yes ☒ No
   If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30; Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
   b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
   c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
   d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
   e. ____ Ft^3 volume added for any of the above
   f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 00
6. Bentonite seal: a. Bentonite granules ☒ 33
   b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
   c. _____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
   a. _____
   b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
   a. Badger mining 40/60
   b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐
10. Screen material: Sch 40 PVC
    a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐
    b. Manufacturer geoprobe
    c. Slot size: 0.010 in.
    d. Slotted length: ____ ft.
11. Backfill material (below filter pack): None ☒ 14; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Hook Firm: Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

: of Wisconsin
artment of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

ility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW- 11

ility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68		

Can this well be purged dry? ☒ Yes ☐ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

Time spent developing well 130 min.

Depth of well (from top of well casisng) 14.2 ft.

Inside diameter of well 1.0 in.

Volume of water in filter pack and well casing 0.5 gal.

Volume of water removed from well 0.5 gal.

Volume of water added (if any) 0. gal.

Source of water added N/A

. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.68 ft.	dry ft.
Date	b. 08/07/2006 (m m d d y y y y)	08/07/2006 (m m d d y y y y)
Time	c. 12:25 ☐ a.m. ☒ p.m.	14:35 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)
	very turbid, fine particles, brown	slightly turbidy cloudy

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

. Additional comments on development:

12:27 dry @ 0.2gal
14:15 dry @ 0.2gal
14:35 dry @ 0.1 gal

sampled @ 15:20
slighly cloudy, fine particles
no oder

ame and Address of Facility Contact/Owner/Responsible Party

rst me: Timothy Last Name: Timmerman III

cility/Firm: Bluemound Plaza LLC

reet: Po Box 61

ity/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Amy Haak

Print Name: Amy Haak

Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

Notice: Please complete Form 3300-5 and return it to the appropriate DNR office and bureau. Completion of this report is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See the instructions for more information.

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ _ | DNR Well ID No. | County: Waukesha

Common Well Name: TW-11 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well: _ _ _ _ _ _

(2) FACILITY / OWNER INFORMATION

Facility Name: Former Express Cleaners

Facility ID: 268506040 | License/Permit/Monitoring No.:

Street Address of Well: 19555 W. Bluemound Rd

City, Village, or Town: Brookfield

Present Well Owner: Bluemound Plaza LLC | Original Owner: Bluemound Plaza LLC

Street Address or Route of Owner: PO Box 61

City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 8/7/06

■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify): direct push

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) (From groundsurface): 14 | Casing Diameter (in.): 1.02 | Casing Depth (ft.): 4

Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown

If Yes, To What Depth? 2 Feet

Depth to Water (Feet): 8.8

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	
Was Casing Cut Off Below Surface?	■ Yes	☐ No	
Did Sealing Material Rise to Surface?	■ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	■ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
■ ~~Conductor Pipe-Gravity~~ ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	14	0.3 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science | Date of Abandonment: 9/15/06

Signature of Person Doing Work: Amy Haak | Date Signed: 10/18/06

Street or Route: 1237 S. Pilgrim Rd | Telephone Number: (920) 892-2444

City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

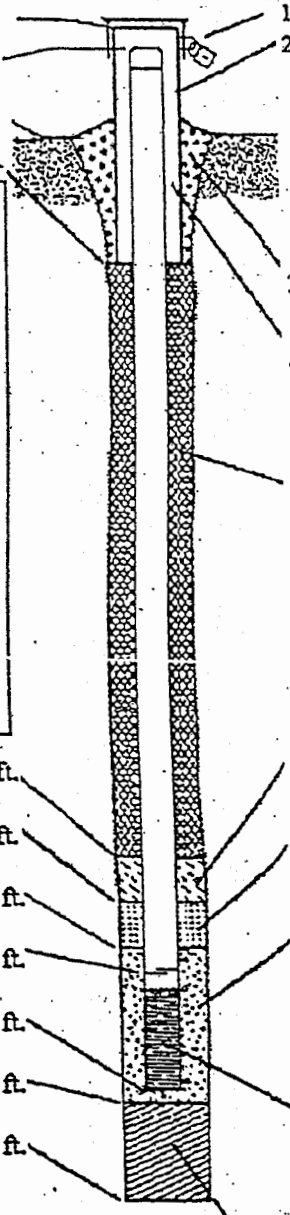
Wisconsin Dept of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Express Cleaners	Local Grid Location of Well: ft. ☐N. ☐S. ft. ☐E. ☐W.	Well Name: TW-12
License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
ID: 268506040	St. Plane ft. N, ft. E. S/C/N	Date Well Installed: 08/07/2006 (m m d d y y y y)
Well Code: 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29, T. 7 N, R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf / Probe Technologies
ce from Waste/ = ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number



otective pipe, top elevation ____ ft. MSL

l casing, top elevation ____ ft. MSL

and surface elevation ____ ft. MSL

face seal, bottom ____ ft. MSL or ____ ft.

USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
M ☐ SC ☐ ML ☐ MH ■ CL ■ CH ☐
edrock ☐

Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☐ 41
direct push Other ☒

Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

Drilling additives used? ☐ Yes ☒ No

Describe

Source of water (attach analysis, if required):

Bentonite seal, top ____ ft. MSL or 0.5 ft.

ne sand, top ____ ft. MSL or ____ ft.

Filter pack, top ____ ft. MSL or 2.0 ft.

Screen joint, top ____ ft. MSL or 4.0 ft.

Well bottom ____ ft. MSL or 14.0 ft.

Filter pack, bottom ____ ft. MSL or 14.0 ft.

Borehole, bottom ____ ft. MSL or 14.0 ft.

Borehole, diameter 2.0 in.

O.D. well casing 1.02 in.

I.D. well casing 0.80 in.

1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 4 in.
   b. Length: 0.5 ft.
   c. Material: Steel ☒ 04 Other ☐
   d. Additional protection? ☐ Yes ☒ No
      If yes, describe:
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30 Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
   b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
   c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
   d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
   e. ____ Ft^3 volume added for any of the above
   f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
   b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
   c. ____ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
   a. ____
   b. Volume added ____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
   a. Badger mining 40/60
   b. Volume added ____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐
10. Screen material: Sch 40 PVC
    a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
    b. Manufacturer geoprobe
    c. Slot size: 0.010 in.
    d. Slotted length: ____ ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Hook Firm: Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

e of Wisconsin
artment of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

ility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-12

ility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68	_____	___

Can this well be purged dry? ☐ Yes ☒ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

Time spent developing well 83 min.

Depth of well (from top of well casisng) 13.4 ft.

Inside diameter of well 1.0 in.

Volume of water in filter pack and well casing 0.4 gal.

Volume of water removed from well 4.0 gal.

Volume of water added (if any) 0. gal.

Source of water added N/A

). Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.91 ft.	8.98 ft.
Date	b. 08/07/2006 (m m d d y y y y)	08/07/2006 (m m d d y y y y)
Time	c. 12:37 ☐ a.m. ☐ p.m.	13:00 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe)	Clear ☒ 20 Turbid ☐ 25 (Describe)
	H brown, fine particles	

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

. Additional comments on development:
- Sampled
- clear, no oder

ame and Address of Facility Contact/Owner/Responsible Party
rst ame: Timothy Last Name: Timmerman III
cility/Firm: Bluemound Plaza LLC
reet: Po Box 61
ity/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Amy Haak
Print Name: Amy Haak
Firm: Alpha Terra Science

OTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

Form 3300-5 2/2000

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Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Waste Management ■ Remediation/Redevelopment ☐ Other _____

(1) GENERAL INFORMATION

WI Unique Well No. _ _ _ _ _ | DNR Well ID No. | County: Waukesha

Common Well Name: TW-12 | Gov't Lot (If applicable): _____

Grid Location: SW 1/4 of SE 1/4 of Sec. 29 ; T. 7 N; R. 20 ☒ E ☐ W

_____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Local Grid Origin ☐ (estimated: ☐) or Well Location ☐

Lat. ___ ° ___ ' ___ . ___ " Long ___ ° ___ ' ___ . ___ " or

St. Plane _____ ft. N. _____ ft. E. ☐ S ☐ C ☐ N Zone

Reason For Abandonment: temporary well | WI Unique Well No. of Replacement Well: _ _ _ _ _

(2) FACILITY/ OWNER INFORMATION

Facility Name: Former Express Cleaners

Facility ID: 268506040 | License/Permit/Monitoring No.:

Street Address of Well: 19555 W. Bluemound Rd

City, Village, or Town: Brookfield

Present Well Owner: Bluemound Plaza LLC | Original Owner: Bluemound Plaza LLC

Street Address or Route of Owner: PO Box 61

City, State, Zip Code: Elm Grove WI 53122

(3) WELL/DRILLHOLE/BOREHOLE INFORMATION

Original Construction Date: 8/7/06

■ Monitoring Well
☐ Water Well
☐ Borehole / Drillhole

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
■ Other (Specify): direct push

Formation Type:
■ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.): 14 (From groundsurface)
Casing Diameter (in.): 1.02
Casing Depth (ft.): 4
Lower Drillhole Diameter (in.): 2

Was Well Annular Space Grouted? ■ Yes ☐ No ☐ Unknown
If Yes, To What Depth? 2 Feet

Depth to Water (Feet): 8.9

(4) PUMP, LINER, SCREEN, CASING, & SEALING MATERIAL

Pump & Piping Removed?	☐ Yes	☐ No	■ Not Applicable
Liner(s) Removed?	☐ Yes	☐ No	■ Not Applicable
Screen Removed?	☐ Yes	■ No	☐ Not Applicable
Casing Left in Place?	☐ Yes	■ No	
Was Casing Cut Off Below Surface?	■ Yes	☐ No	
Did Sealing Material Rise to Surface?	■ Yes	☐ No	
Did Material Settle After 24 Hours?	☐ Yes	■ No	
If Yes, Was Hole Retopped?	☐ Yes	☐ No	

Required Method of Placing Sealing Material
■ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain)

Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Bentonite-Sand Slurry " "
☐ Bentonite Chips

For monitoring wells and monitoring well boreholes only
☐ Bentonite Chips
■ Granular Bentonite
☐ Bentonite - Cement Grout
☐ Bentonite - Sand Slurry

(5) Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
concrete	Surface	0.25		
granular bentonite	0.25	14	0.3 cu ft	

(6) Comments: _____

(7) Name of Person or Firm Doing Sealing Work: Alpha Terra Science | Date of Abandonment: 9/15/06

Signature of Person Doing Work: Amy Haak | Date Signed: 10/18/06

Street or Route: 1237 S. Pilgrim Rd | Telephone Number: (920) 892-2444

City, State, Zip Code: Plymouth WI 53073

FOR DNR OR COUNTY USE ONLY

Date Received | Noted By

Comments

Wisconsin Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☒ Other ☐

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

ty/Project Name: mer Express Cleaners	Local Grid Location of Well: ___ ft. ☐N. ☐S. ___ ft. ☐E. ☐W.	Well Name: TW-13
License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. / DNR Well ID No.
ID: 268506040	St. Plane ___ ft. N, ___ ft. E. S/C/N	Date Well Installed: 08/07/2006 (m m d d y y y y)
f Well: Well Code 11 / MW	Section Location of Waste/Source: SW 1/4 of SE 1/4 of Sec. 29 T. 7 N. R. 20 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Dan Bendorf / Probe Technologies
ce from Waste/ = ___ ft.	Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
		Gov. Lot Number

rotective pipe, top elevation ___ ft. MSL

l casing, top elevation ___ ft. MSL

and surface elevation ___ ft. MSL

face seal, bottom ___ ft. MSL or ___ ft.

SCS classification of soil near screen:

GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
M ■ SC ☐ ML ☐ MH ■ CL ☐ CH ■
edrock ☐

Sieve analysis performed? ☐ Yes ☒ No

Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☐ 41 / direct push / Other ☒

Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☒ 99

Drilling additives used? ☐ Yes ☒ No

Describe ___

Source of water (attach analysis, if required):

Bentonite seal, top ___ ft. MSL or 0.5 ft.

ne sand, top ___ ft. MSL or ___ ft.

Filter pack, top ___ ft. MSL or 2.0 ft.

creen joint, top ___ ft. MSL or 4.0 ft.

Well bottom ___ ft. MSL or 14.0 ft.

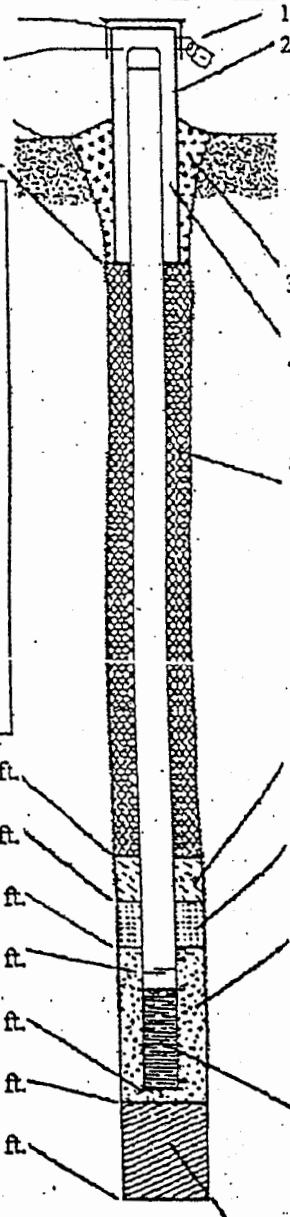
Filter pack, bottom ___ ft. MSL or 14.0 ft.

Borehole, bottom ___ ft. MSL or 14.0 ft.

Borehole, diameter 2.0 in.

O.D. well casing 1.02 in.

I.D. well casing 0.80 in.



1. Cap ~~and lock~~? ☒ Yes ☐ No
2. Protective cover pipe:
   a. Inside diameter: 4.0 in.
   b. Length: 0.5 ft.
   c. Material: Steel ☒ 04 Other ☐
   d. Additional protection? ☐ Yes ☒ No
   If yes, describe: ___
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐
4. Material between well casing and protective pipe: Bentonite ☐ 30 Other ☐
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
   b. ___ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
   c. ___ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
   d. ___ % Bentonite . . . . . Bentonite-cement grout ☐ 50
   e. ___ Ft^3 volume added for any of the above
   f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☒ 33
   b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
   c. ___ Other ☐
7. Fine sand material: Manufacturer, product name & mesh size
   a. ___
   b. Volume added ___ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
   a. Badger mining 40/60
   b. Volume added ___ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ ___
10. Screen material: Sch 40 PVC
    a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ ___
    b. Manufacturer geoprobe
    c. Slot size: 0.010 in.
    d. Slotted length: ___ ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐ ___

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Amy Hook Firm: Alpha Terra Science

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

s of Wisconsin
artment of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

ility/Project Name	County Name	Well Name
Former Express Cleaners	Waukesha	TW-13

ility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	68	_____	___

Can this well be purged dry? ☐ Yes ☒ No

Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☐ 10
pumped only	☒ 51
pumped slowly	☐ 50
Other _____	☐

Time spent developing well 30 min.

Depth of well (from top of well casing) 14.2 ft.

Inside diameter of well 1.0 in.

Volume of water in filter pack and well casing 0.6 gal.

Volume of water removed from well 6.0 gal.

Volume of water added (if any) 0. gal.

Source of water added N/A

. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.38 ft.	8.57 ft.
Date	b. 08/07/2006 (m m d d y y y y)	08/07/2006 (m m d d y y y y)
Time	c. 13:15 ☐ a.m. ☐ p.m.	13:45 ☐ a.m. ☐ p.m.
12. Sediment in well bottom	. inches	. inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15	Clear ☒ 20 Turbid ☐ 25
	(Describe)	(Describe)
	It brown, fine particles	

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	. mg/l	. mg/l
15. COD	. mg/l	. mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Heather Last Name: Cleveland
Firm: Alpha Terra Science

. Additional comments on development:

sampled @ 13:45
clear, no odor

ame and Address of Facility Contact /Owner/Responsible Party
rst ame: Timothy Last Name: Timmerman III
cility/Firm: Bluemound Plaza LLC
reet: Po Box 61
ity/State/Zip: Elm Grove WI

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: Amy Haak
Print Name: Amy Haak
Firm: Alpha Terra Science

NOTE: See instructions for more information including a list of county codes and well type codes.

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873284

Client: ALPHA TERRA SCIENCE
Lab Contact: Eric Bullock
Project Name: EXPRESS CLEANERS
Project Number: BLU 2006-01

Lab Sample Number	Field ID	Matrix	Collection Date
873284-001	TRIP BLANK	METH	06/20/06 16:32
873284-002	TW-1 2-3'	SOIL	06/21/06 09:25
873284-003	B-2 4-5'	SOIL	06/21/06 11:04
873284-004	TW-3 2-3'	SOIL	06/21/06 11:28
873284-005	TW-3 7-8'	SOIL	06/21/06 11:34
873284-006	TW-4 2-3'	SOIL	06/21/06 13:03
873284-007	TW-4 7-8'	SOIL	06/21/06 13:30
873284-008	TW-4 4-6'	SOIL	06/21/06 13:14
873284-009	TW-4 15-16'	SOIL	06/21/06 13:33
873284-010	TW-4 8-10'	SOIL	06/21/06 13:37
873284-011	TW-6 2-3'	SOIL	06/21/06 14:03
873284-012	TW-6 7-8'	SOIL	06/21/06 14:17
873284-013	TW-7 2-3'	SOIL	06/21/06 14:34
873284-014	TW-7 6.5-7.5'	SOIL	06/21/06 14:38
873284-015	B-8 4.5-5.5'	SOIL	06/21/06 15:04
873284-016	B-8 6-7'	SOIL	06/21/06 15:07
873284-017	B-9 3-4'	SOIL	06/21/06 15:28

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

7/3/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TRIP BLANK

Matrix Type : METHANOL
Collection Date : 06/20/06
Report Date : 07/03/06
Lab Sample Number : 873284-001

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TRIP BLANK

Matrix Type : METHANOL
Collection Date : 06/20/06
Report Date : 07/03/06
Lab Sample Number : 873284-001

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/L		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		106	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		104	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		111	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-1 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.4				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-1 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-002

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride		80	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	26	26	62		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	52	52	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		103	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		111	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		110	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : B-2 4-5'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.4				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : B-2 4-5'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-003

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene		100	28	68		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	54	54	130		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		100	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		103	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		108	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-3 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	93.8				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-3 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-004

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	40	28	67		50	ug/Kg	Q	06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	< 26	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 53	53	130		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	105	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8	112	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	116	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-3 7-8'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	77.1				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-3 7-8'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-005

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	91	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8	92	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	93.5				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-006

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene		600	29	70		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	27	27	65		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	54	54	130		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		105	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		107	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		115	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 7-8'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	79.0				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 7-8'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-007

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	61	61	150		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		92	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		95	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		99	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 4-6'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
TOC as NPOC	16000	980	3300		1	mg/kg		06/30/06	SW846 M9060	SW846 M9060

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 15-16'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	89.4				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 15-16'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-009

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	< 30	30	73		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 61	61	150		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	97	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8	100	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-6 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.5				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-4 8-10'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-010

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
TOC as NPOC	4400	230	780		1	mg/kg		06/30/06	SW846 M9060	SW846 M9060

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-6 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-011

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene		110	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		110	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		110	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		115	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-6 7-8'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-012

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	79.9				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-6 7-8'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-012

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride		43	32	76		50	ug/Kg	Q	06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	51	51	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		97	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		98	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		103	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-7 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-013

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.2				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-7 2-3'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-013

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene		270	27	64		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		112	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		114	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		125	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-7 6.5-7.5'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-014

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	84.0				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-7 6.5-7.5'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-014

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene		250	30	71		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		96	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		96	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		104	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : B-8 4.5-5.5'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-015

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.2				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : B-8 4.5-5.5'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-015

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene		350	27	64		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	61		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	51	51	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		104	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		104	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		112	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : B-8 6-7'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-016

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
TOC as NPOC	9100	490	1600		1	mg/kg		06/30/06	SW846 M9060	SW846 M9060

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873284

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : B-9 3-4'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-017

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.4				1	%		06/26/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 06/27/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

Analytical Report Number: 873284

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : B-9 3-4'

Matrix Type : SOIL
Collection Date : 06/21/06
Report Date : 07/03/06
Lab Sample Number : 873284-017

VOLATILES

Prep Date: 06/27/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Tetrachloroethene		820	26	63		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		06/27/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		109	64	133		50	%		06/27/06	SW846 5030B	SW846 8260B
Toluene-d8		110	67	139		50	%		06/27/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		122	64	140		50	%		06/27/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
873284-002	8260+-S-ME	TW-1 2-3'	Soil to Methanol ratio not at a 1:1 ratio for analysis 9.80g10 mLs).
873284-002	8260+-S-ME	TW-1 2-3'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.7g/10.0 mLs).
873284-003	8260+-S-ME	B-2 4-5'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.30g10 mLs).
873284-003	8260+-S-ME	B-2 4-5'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.3g/10.0 mLs).
873284-004	8260+-S-ME	TW-3 2-3'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.5g/10.0 mLs).
873284-005	8260+-S-ME	TW-3 7-8'	Soil to Methanol ratio not at a 1:1 ratio for analysis 9.50xg10y mLs).
873284-006	8260+-S-ME	TW-4 2-3'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.2g/10.0 mLs).
873284-006	8260+-S-ME	TW-4 2-3'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.20g/10 mLs).
873284-007	8260+-S-ME	TW-4 7-8'	Soil to Methanol ratio not at a 1:1 ratio for analysis (8.2g/10.0 mLs).
873284-007	8260+-S-ME	TW-4 7-8'	Soil to Methanol ratio not at a 1:1 ratio for analysis (8.20g/10mLs).
873284-009	8260+-S-ME	TW-4 15-16'	Soil to Methanol ratio not at a 1:1 ratio for analysis (8.20g10 mLs).
873284-009	8260+-S-ME	TW-4 15-16'	Soil to Methanol ratio not at a 1:1 ratio for analysis (8.2g/10.0 mLs).
873284-012	8260+-S-ME	TW-6 7-8'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.90xg/10mLs).
873284-012	8260+-S-ME	TW-6 7-8'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.9g/10.0 mLs).
873284-015	8260+-S-ME	B-8 4.5-5.5'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.9g/10.0 mLs).
873284-015	8260+-S-ME	B-8 4.5-5.5'	Soil to Methanol ratio not at a 1:1 ratio for analysis (9.90g/10 mLs).

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	873284-001	873284-002	873284-003	873284-004	873284-005	873284-006	873284-007	873284-008	873284-009	873284-010	873284-011	873284-012	873284-013	873284-014	873284-015	873284-016	873284-017
PERCENT SOLIDS		B	B	B	B	B	B		B		B	B	B	B	B		B
TOC AS NPOC								K		K						K	
VOLATILES	G	G	G	G	G	G	G		G		G	G	G	G	G		G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	445134030

Sample Condition Upon Receipt

Pace Analytical

Client Name: Alpha Terra Science Project # 873284

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other_____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used N/A Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature RDI Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 6/22/06 - LS

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8. -018; there was no volume at all. Only an empty jar. -LS 6/22/06
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16. MeOH Blank received.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: EB 6/23/06 **Date:** _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical®

VC

Page: 1 of 2

0951830

Section A Required Client Information:

Company	Alpha Terra Science
Address	1237 S. Pilgrim Rd Plymouth WI 53073
Email To:	
Phone / Fax	920/892-2444 / 892-2620
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Amy Haak
Copy To:	
Purchase Order No.:	
Project Name:	Express Cleaners
Project Number:	BLL 2006-01

Section C Invoice Information:

Attention:	Tim Timmerman
Company Name:	Bluemound Plaza
Address:	c/o ATS
Pace Quote Reference:	DERF annual
Pace Project Manager:	Eric
Pace Profile #:	

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☒WI ☐OTHER

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Filtered (Y/N)

Requested Analysis: VOC, Total Organic Carbon, Residual Chlorine (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC	Total Organic Carbon	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D 873284
	TRIP BLANK	~~DW~~ WT	G			6/20/06	4:32p		1							1		X			001
	TW-1 2-3'	SL	G			6/21/06	9:25		2	1						1		X			002
	~~TW-1 6-8' oh~~	~~SL~~	~~G~~			~~6/21/06~~	~~10:00~~		~~2~~	~~1~~						~~1~~					
	B-2 4-5'	SL	G			6/21/06	11:04		2	1						1		X			003
5	TW-3 2-3'	SL	G			6/21/06	11:28		2	1						1		X			004
6	TW-3 7-8'	SL	G			6/21/06	11:34		2	1						1		X			005
	TW-4 2-3'	SL	G			6/21/06	1:03		2	1						1		X			006
8	TW-4 7-8'	SL	G			6/21/06	1:30		2	1						1		X			007
9	TW-4 4-6'	SL	G			6/21/06	1:14		1	1									X		008
10	TW-4 15-16'	SL	G			6/21/06	1:33		2	1						1		X			009
11	TW-4 8-10'	SL	G			6/21/06	1:37		1	1									X		010
12	TW-6 2-3'	SL	G			6/21/06	2:03		2	1						1		X			011

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Amy Haak/ ATS	6/22/06		B Kemper/Pace	6/23/06	1010
B Kemper/Pace	6/23/06	1635	Lori Blevens	6/22/06	1635

SAMPLE CONDITION: RQT

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Amy Haak

SIGNATURE of SAMPLER: Dated (MM/DD/YY)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical®

Page: 2 of 2

0951831

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Alpha Terra Science	Report To: Amy Haak	Attention: Tim Timmerman
Address: 1237 S. Pilgrim Rd	Copy To:	Company Name: Bluemound Plaza
Plymouth WI 53073		Address: c/o ATS
Email To:	Purchase Order No.:	Pace Quote Reference: DERF annual
Phone: 920/892-2444 Fax: 892-2620	Project Name: Express Cleaners	Pace Project Manager: Eric
Requested Due Date/TAT:	Project Number: BLU-2006-01	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☒WI ☐OTHER

Filtered (Y/N)

Requested Analysis: VOC; Tot organic carbon; Residual Chlorine (Y/N)

Pace Project Number: 873284

Section D Required Client Information

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved (4oz jar)	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol (40ml)	Other	VOC	Tot organic carbon	Residual Chlorine (Y/N)	Lab I.D.
1	TW-6 7-8'	SL	G			6/21/06	2:17		2	1						1		+			012
2	TW-7 2-3'	SL	G			6/21/06	2:34		2	1						1		X			013
3	TW-7 6.5-7.5'	SL	G			6/21/06	2:38		2	1						1		X			014
4	B-8 4.5-5.5'	SL	G			6/21/06	3:04		2	1						1		X			015
5	B-8 6-7'	SL	G			6/21/06	3:07		1	1									X		016
6	B-9 3-4'	SL	G			6/21/06	3:28		2	1						1		X			017
7	~~B-9~~ 5-6'	SL	G			6/21/06	3:31		1	1									X		~~018~~ no volume
8																					
9																					
10																					
11																					
12																					

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
Amy Haak / ATS	6/22/06		B Kemper / Pace	6/22/06	1010		Y/N	Y/N	Y/N
B Kemper / Pace	6/22/06	1635	Lori Stevens	6/22/06	1635	ROI	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Amy Haak

Temp in °C; Received on Ice; Custody Sealed Cooler; Samples Intact

Pace Analytical®

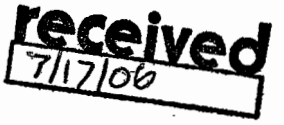
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873811

Client: ALPHA TERRA SCIENCE
Project Name: EXPRESS CLEANERS
Project Number: BLU-2006-01

Lab Contact: Eric Bullock

Lab Sample Number	Field ID	Matrix	Collection Date
873811-001	TW-1	WATER	07/10/06 14:15
873811-002	TW-3	WATER	07/10/06 15:45
873811-003	TW-4	WATER	07/10/06 13:05
873811-004	TW-6	WATER	07/10/06 15:35
873811-005	TW-7	WATER	07/10/06 12:20
873811-006	TRIP BLANK	WATER	07/10/06 18:24



I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

7/13/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-1

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-001

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloromethane		0.34	0.24	0.80		1	ug/L	Q	07/12/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-1

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-001

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Tetrachloroethene		0.49	0.45	1.5		1	ug/L	Q	07/12/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		80	64	132		1	%		07/12/06	SW846 5030B	SW846 8260B
Toluene-d8		85	73	127		1	%		07/12/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		92	68	122		1	%		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-3

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-002

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloromethane		0.27	0.24	0.80		1	ug/L	Q	07/12/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

Analytical Report Number: 873811

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-3

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-002

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		80	64	132		1	%		07/12/06	SW846 5030B	SW846 8260B
Toluene-d8		90	73	127		1	%		07/12/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		94	68	122		1	%		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-4

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-003

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-4

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-003

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Tetrachloroethene		0.55	0.45	1.5		1	ug/L	QM	07/12/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L	M	07/12/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		78	64	132		1	%		07/12/06	SW846 5030B	SW846 8260B
Toluene-d8		89	73	127		1	%		07/12/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		96	68	122		1	%		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-6

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-004

VOLATILES

Prep Date: 07/12/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 0.93	0.93	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-6

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-004

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		78	64	132		1	%		07/12/06	SW846 5030B	SW846 8260B
Toluene-d8		80	73	127		1	%		07/12/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		92	68	122		1	%		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-7

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-005

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene		13	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-7

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-005

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Tetrachloroethene		13	0.45	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Trichloroethene		10	0.48	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		78	64	132		1	%		07/12/06	SW846 5030B	SW846 8260B
Toluene-d8		84	73	127		1	%		07/12/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		92	68	122		1	%		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-006

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methylene Chloride		1.8	0.43	1.4		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		07/12/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873811

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 07/10/06
Report Date : 07/13/06
Lab Sample Number : 873811-006

VOLATILES

Prep Date: 07/12/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		07/12/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		80	64	132		1	%		07/12/06	SW846 5030B	SW846 8260B
Toluene-d8		89	73	127		1	%		07/12/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		92	68	122		1	%		07/12/06	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302

Analysis Summary by Laboratory

Test Group Name	873811-001	873811-002	873811-003	873811-004	873811-005	873811-006
VOLATILES	G	G	G	G	G	G

Code	Facility	Address	WI Certification
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Pace Analytical

Sample Condition Upon Receipt

Client Name: Alpha Tema Project # 873811

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☒ Other foam

Thermometer Used NH Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature WOL Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 07/11/06 ✓ MT JCS ☺

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2. No Proj. State
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No	☐N/A	7.
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☒Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked.	☐Yes	☐No	☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed
Samples checked for dechlorination:	☐Yes	☐No	☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☐N/A	15.
Trip Blank Present:	☒Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☒Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: proj. state is WI per clients location

Project Manager Review: EB 7/11/06 **Date:** _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Jcs

Page: 1 of 1

0951832

Section A
Required Client Information:

Company	Alpha Terra
Address	1237 S Pilgrim Rd
	Plymouth
Email To:	amyhaak@alphaterra.net
Phone	920/892-2444 Fax 892-2620
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Amy @ ATS
Copy To:	
Purchase Order No.:	
Project Name:	Express Cleaners
Project Number:	BLU-2006-01

Section C
Invoice Information:

Attention:	Tim Timmerman
Company Name:	Bluemound Plaza
Address:	c/o ATS
Pace Quote Reference:	annual deif
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER

Filtered (Y/N): N

Requested Analysis: VOC; Residual Chlorine (Y/N)

Pace Project Number: 873811

Section D Required Client Information

SAMPLE ID — One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
	TW-1	WT	G			7/10/06	14:15		3				X					X		001
	TW-3	WT	G			7/10/06	13:45		3				X					X		002
	TW-4	WT	G			7/10/06	13:05		3				X					X		003
	TW-6	WT	G			7/10/06	15:35		3				X					X		004
	TW-7	WT	G			7/10/06	12:20		3				X					X		005
6	TRIP BLANK	WT	G			7/10/06	18:24		1				X					X		006 H2O blan
9																				
10																				
11																				
12																				

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
M. Mut	7/11/06	9:35	B Kempen / Pace	7/11/06	0935		Y/N	Y/N	Y/N
B Kempen / Pace	7/11/06	15:10	R. Wagner	7/11/06	15:10	10.1	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
						Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Heather Cleveland

SIGNATURE of [redacted] ER: Signed [redacted] DD/Y

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 874843

Client: ALPHA TERRA SCIENCE
Lab Contact: Eric Bullock
Project Name: EXPRESS CLEANERS
Project Number: BLU 2006-01

Lab Sample Number	Field ID	Matrix	Collection Date
874843-001	TW-10 2-3'	SOIL	08/07/06 10:38
874843-002	TW-10 4-5'	SOIL	08/07/06 10:44
874843-003	TW-10 8-9'	SOIL	08/07/06 10:48
874843-004	TW-11 2-3'	SOIL	08/07/06 13:20
874843-005	TW-11 4-5'	SOIL	08/07/06 13:25
874843-006	TW-11 7-8'	SOIL	08/07/06 13:30
874843-007	TW-12 2-3'	SOIL	08/07/06 14:04
874843-008	TW-12 4-5'	SOIL	08/07/06 14:15
874843-009	TW-12 7-8'	SOIL	08/07/06 14:20
874843-010	TW-13 2-3'	SOIL	08/07/06 13:10
874843-011	TW-13 4-5'	SOIL	08/07/06 15:13
874843-012	METHANOL BLANK	METH	08/07/06 14:54
874843-013	TW-10	WATER	08/07/06 15:00
874843-014	TW-11	WATER	08/07/06 15:20
874843-015	TW-12	WATER	08/07/06 13:00
874843-016	TW-13	WATER	08/07/06 13:45
874843-017	TRIP BLANK	WATER	08/07/06 14:52

E Kellner

Approval Signature

8/17/06

Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.0				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-001

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		460	27	64		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		97	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		103	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		109	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.4				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-002

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		510	26	63		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		106	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		113	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		111	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10 8-9'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	89.8				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10 8-9'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-003

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	140	28	67		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8	108	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.9				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-004

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	27	26	63		50	ug/Kg	Q	08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	450	26	63		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	103	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8	107	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.1				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-005

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		270	26	63		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		96	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		106	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		102	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11 7-8'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	84.0				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11 7-8'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-006

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		300	30	71		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		90	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		95	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		97	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.0				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-007

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		440	27	64		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p		59	53	130		50	ug/Kg	Q	08/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		97	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		108	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		107	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	96.0				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-008

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		190	26	63		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		93	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		99	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		98	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12 7-8'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	84.9				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12 7-8'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-009

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	260	29	71		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	88	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8	99	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-13 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-010

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.4				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-13 2-3'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-010

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	270	26	63		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	95	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8	102	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-13 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	92.4				1	%		08/09/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 86	86	210		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 46	46	110		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 27	27	65		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 27	27	66		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-13 4-5'

Matrix Type : SOIL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-011

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	42	42	100		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		160	28	68		50	ug/Kg	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	26	26	62		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	52	52	120		50	ug/Kg		08/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		110	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		113	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		106	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : METHANOL BLANK

Matrix Type : METHANOL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-012

VOLATILES

Prep Date: 08/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/L		08/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : METHANOL BLANK

Matrix Type : METHANOL
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-012

VOLATILES

Prep Date: 08/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		380	25	60		50	ug/L	X	08/15/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/L		08/15/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL							
4-Bromofluorobenzene		86	64	133		50	%		08/15/06	SW846 5030B	SW846 8260B
Toluene-d8		88	67	139		50	%		08/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		90	64	140		50	%		08/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-013

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-10

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-013

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		88	64	132		1	%		08/10/06	SW846 5030B	SW846 8260B
Toluene-d8		99	73	127		1	%		08/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		92	68	122		1	%		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-014

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-11

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-014

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		88	64	132		1	%		08/10/06	SW846 5030B	SW846 8260B
Toluene-d8		98	73	127		1	%		08/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		96	68	122		1	%		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-015

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-12

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-015

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		86	64	132		1	%		08/10/06	SW846 5030B	SW846 8260B
Toluene-d8		98	73	127		1	%		08/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		96	68	122		1	%		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-13

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-016

VOLATILES

Prep Date: 08/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 0.93	0.93	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TW-13

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-016

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		86	64	132		1	%		08/10/06	SW846 5030B	SW846 8260B
Toluene-d8		98	73	127		1	%		08/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		96	68	122		1	%		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-017

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 874843

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU 2006-01
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 08/07/06
Report Date : 08/16/06
Lab Sample Number : 874843-017

VOLATILES

Prep Date: 08/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Tetrachloroethene		2.0	0.45	1.5		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L		08/10/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		85	64	132		1	%		08/10/06	SW846 5030B	SW846 8260B
Toluene-d8		100	73	127		1	%		08/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		97	68	122		1	%		08/10/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
874843*	8260+-S-ME	All Samples	X - It is likely that the concentration of PCE detected in the sample is due to contamination from the sample bottle used. We know that the contamination did not occur in the laboratory based on our internal quality control results.
874843-011	8260+-S-ME	TW-13 4-5'	soil to Methanol ratio not at a 1:1 ratio for analysis (9.6g/10.0 mLs).

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	874843-001	874843-002	874843-003	874843-004	874843-005	874843-006	874843-007	874843-008	874843-009	874843-010	874843-011	874843-012	874843-013	874843-014	874843-015	874843-016	874843-017
PERCENT SOLIDS	B	B	B	B	B	B	B	B	B	B	B						
VOLATILES	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: Alpha Terra Science Project # 874843

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Thermometer Used NA Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature RDT Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 8/8/05 -LB

JCS

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S, W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. 1-H2O TB received.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	Also, 1 meOH Blank received.
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: PM 8/10/04 **Date:** _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®

Soil

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

0992676

Send to AlphaTerra Science

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Alpha Terra Science	Report To: Amy Haak	Attention: Tim Timmerman
Address: 1237 S. Pilgrim Rd	Copy To:	Company Name: Bluemound Plaza LLC
Plymouth, WI 53073		Address:
Email To: AmyHaak@alphaterra.net	Purchase Order No.:	Pace Quote Reference:
Phone: 9208922444 Fax: 9208922620	Project Name: Express Cleaners	Pace Project Manager:
Requested Due Date/TAT:	Project Number: BLU 2006-01	Pace Profile #: OERF

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ Other OERP

SITE LOCATION

☐ GA ☐ IL ☐ IN ☐ MI ☐ MN ☐ NC
☐ OH ☐ SC ☒ WI ☐ OTHER ____

Filtered (Y/N): N

Requested Analysis: VOC; Residual Chlorine (Y/N): VCS

874843 Pace Project Number

ITEM #	Section D Required Client Information: SAMPLE ID (One Character per box. (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved 4oz jar	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol 40ml	Other	Lab I.D
1	TW-10 2-3'	SL	G	8/7/06	10:38			7.9	2	1						1	001
2	TW-10 4-5'	SL	G		10:44				2	1						1	002
3	TW-10 8-9'	SL	G		10:48				2	1						1	003
4	TW-11 2-3'	SL	G		13:20				2	1						1	004
5	TW-11 4-5'	SL	G		13:25				2	1						1	005
6	TW-11 7-8'	SL	G		13:30				2	1						1	006
7	TW-12 2-3'	SL	G		14:09				2	1						1	007
8	TW-12 4-5'	SL	G		14:15				2	1						1	008
9	TW-12 7-8'	SL	G		14:20				2	1						1	009
10	TW-13 2-3'	SL	G		15:10				2	1						1	010
11	TW-13 4-5'	SL	G		15:13				2	1						1	011
12	Meth Blank	OT	G		14:59				1							1	012

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	8/8/06	10:15	B Kemper / Pace	8/8/06	1014
B Kemper / Pace	8/8/06	1510	Lori Steven	8/8/06	1510

SAMPLE CONDITION

	Y/N	Y/N	Y/N
ROI	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Heather Cleveland

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical®

Water

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

0992679

Section A Required Client Information:

Company	
Address	
Email To:	
Phone	Fax
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Same as Page 1

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER ☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☒ GA ☐ IL ☐ IN ☐ MI ☐ MN ☐ NC ☐ OH ☐ SC ☐ WI ☐ OTHER

Filtered (Y/N): N

Requested Analysis: VOC; Residual Chlorine (Y/N)

Pace Project Number: 874843

Section D Required Client Information

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl 40ml	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC	Residual Chlorine (Y/N)	Lab I.D.
1	TW-10	WT	G	8/7/06	15:00	—	—	75F	3				3					X		013
2	TW-11	↓	↓	↓	15:20	—	—	↓	3				3					X		014
3	TW-12	↓	↓	↓	13:00	—	—	↓	3				3					X		015
4	TW-13	↓	↓	↓	13:45	—	—	↓	3				3					X		016
5	Trip Blank	WT	G	8/7/06	14:52	—	—	75F	1				1-40ml H_2O TB					X		017
6	end																			
7																				
8																				
9																				
10																				
11																				
12																				

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
[signature]	8/8/06	10:15	B Kemper/Pace	8/8/06	1015		Y/N	Y/N	Y/N
B Kemper /Pace	8/8/06	1510	Lori Stevens	8/8/06	1510	ROI	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

Temp in °C; Received on Ice; Custody Sealed Cooler; Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Heather Cleveland

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 875432

Client: ALPHA TERRA SCIENCE

Lab Contact: Eric Bullock

Project Name: EXPRESS CLEANERS

Project Number: BLU-2006-01

Lab Sample Number	Field ID	Matrix	Collection Date
875432-001	B-14 1.75-2'	SOIL	08/22/06 16:10
875432-002	B-16 1.5'	SOIL	08/22/06 16:20
875432-003	B-15 1.75-2'	SOIL	08/22/06 16:15
875432-004	B-17 2'	SOIL	08/22/06 16:30
875432-005	B-18 1.5'	SOIL	08/22/06 16:45
875432-006	MEOH BLANK	METH	08/22/06 07:30

E McCloud

Approval Signature

8/28/06

Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-14 1.75-2'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.6				1	%		08/25/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 84	84	200		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 45	45	110		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Benzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromobenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	63		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromomethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroform	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloromethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dibromomethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 27	27	65		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-14 1.75-2'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-001

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 26	26	61		50	ug/Kg	*	08/25/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Naphthalene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 41	41	99		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Styrene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Tetrachloroethene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Toluene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Trichloroethene	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylene, o	< 26	26	61		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 51	51	120		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	106	64	133		50	%		08/25/06	SW846 5030B	SW846 8260B
Toluene-d8	106	67	139		50	%		08/25/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	111	64	140		50	%		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-16 1.5'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	95.8				1	%		08/25/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 85	85	200		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 46	46	110		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Benzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromobenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromoform	< 27	27	64		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromomethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroform	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloromethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dibromomethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 27	27	65		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-16 1.5'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-002

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 26	26	62		50	ug/Kg	*	08/25/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Naphthalene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 42	42	100		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Styrene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Tetrachloroethene	57	27	65		50	ug/Kg	Q	08/25/06	SW846 5030B	SW846 8260B
Toluene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Trichloroethene	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylene, o	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 52	52	120		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	103	64	133		50	%		08/25/06	SW846 5030B	SW846 8260B
Toluene-d8	106	67	139		50	%		08/25/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	64	140		50	%		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-15 1.75-2'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.8				1	%		08/25/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-15 1.75-2'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-003

VOLATILES

Prep Date: 08/25/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg	*	08/25/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	40	40	97		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Tetrachloroethene		32	26	63		50	ug/Kg	Q	08/25/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		100	64	133		50	%		08/25/06	SW846 5030B	SW846 8260B
Toluene-d8		101	67	139		50	%		08/25/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		102	64	140		50	%		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-17 2'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.9				1	%		08/25/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-17 2'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-004

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg	*	08/25/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Tetrachloroethene	40	26	63		50	ug/Kg	Q	08/25/06	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL							
4-Bromofluorobenzene	98	64	133		50	%		08/25/06	SW846 5030B	SW846 8260B
Toluene-d8	101	67	139		50	%		08/25/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	64	140		50	%		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-18 1.5'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.6				1	%		08/25/06	SM M2540G	SM M2540G

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : B-18 1.5'

Matrix Type : SOIL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-005

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg	*	08/25/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
s-Butylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
t-Butylbenzene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Tetrachloroethene	36	26	63		50	ug/Kg	Q	08/25/06	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		08/25/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	98	64	133		50	%		08/25/06	SW846 5030B	SW846 8260B
Toluene-d8	98	67	139		50	%		08/25/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	64	140		50	%		08/25/06	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : MEOH BLANK

Matrix Type : METHANOL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-006

VOLATILES

Prep Date: 08/25/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 82	82	200		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 44	44	110		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Bromoform	< 26	26	62		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 26	26	63		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/L	*	08/25/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 40	40	97		50	ug/L		08/25/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875432

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : MEOH BLANK

Matrix Type : METHANOL
Collection Date : 08/22/06
Report Date : 08/28/06
Lab Sample Number : 875432-006

VOLATILES

Prep Date: 08/25/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/L		08/25/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		102	64	133		50	%		08/25/06	SW846 5030B	SW846 8260B
Toluene-d8		101	67	139		50	%		08/25/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		104	64	140		50	%		08/25/06	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	875432-001	875432-002	875432-003	875432-004	875432-005	875432-006
PERCENT SOLIDS	B	B	B	B	B	
VOLATILES	G	G	G	G	G	G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: ATS Project # 875432

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used NA Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature ROL Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: CS 8/24/06 8/24/06

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☒No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☒Yes ☐No ☐N/A	7. 8/28/06 ✓
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16. MeOH Blk present
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: EK 8/28/06 **Date:** _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

0974329

Section A Required Client Information:

Company: Alpha Terra Science
Address: 1237 S. Pilgrim Rd
Plymouth WI 53073
Email To: amyhaak@alphaterra.net
Phone: 920 892-2444 Fax: 892-2620
Requested Due Date/TAT: Rush - by Aug 28, 2006

Section B Required Project Information:

Report To: Amy Haak / ATS
Copy To:
Purchase Order No.:
Project Name: Express Cleaners
Project Number: BLU-2006-01

Section C Invoice Information:

Attention: Tim Timmerman
Company Name: Bluemound Plaza
Address: c/o ATS
Pace Quote Reference: Deb
Pace Project Manager: Eric
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

SITE LOCATION: ☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☒WI ☐OTHER

Filtered (Y/N): N

Requested Analysis: VOC; Residual Chlorine (Y/N)

Pace Project Number: 875432

Section D Required Client Information

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

SAMPLE ID — One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Preservatives: Unpreserved (4oz), H_2SO_4, HNO_3, HCl, NaOH, $Na_2S_2O_3$, Methanol (40mL), Other

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC	Residual Chlorine (Y/N)	Pace Project Number Lab I.D
1	B-14 1.75-2'	SL	G			8/22/06	16:10		2	1						1		X		001
2	B-16 1.5'	SL	G			8/22/06	16:20		2	1						1		X		002
3	B-15 1.75-2'	SL	G			8/22/06	16:15		2	1						1		X		003
4	B-17 2'	SL	G			8/22/06	16:30		2	1						1		X		004
5	B-18 1.5'	SL	G			8/22/06	16:45		2	1						1		X		005
	MeOH BLANK	SL	G			8/22/06	7:30		1							1		X		006
8																				
9																				
10																				
11																				
12																				

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION: Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
Lynn McIntosh	8/24	10:15	D. Mielke	8/24/6	10:15		Y/N	Y/N	Y/N
D. Mielke	8/24/6	13:45	C. Schuelber	8/24	1345	ROI	(Y)/N	(Y)/N	(Y)/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 875953

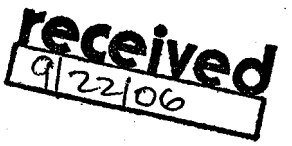
Client: ALPHA TERRA SCIENCE

Lab Contact: Eric Bullock

Project Name: EXPRESS CLEANERS

Project Number: BLU-2006-01

Lab Sample Number	Field ID	Matrix	Collection Date
875953-001	TW-13	WATER	09/11/06 12:17
875953-002	TW-12	WATER	09/11/06 12:47
875953-003	TW-11	WATER	09/11/06 13:13
875953-004	TW-6	WATER	09/11/06 13:38
875953-005	TW-4	WATER	09/11/06 13:50
875953-006	TW-7	WATER	09/11/06 14:02
875953-007	TW-10	WATER	09/11/06 14:17
875953-008	TRIP BLANK	WATER	09/11/06 09:00



I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

E K. Clark — Approval Signature

9/19/06 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-13

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-001

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-13

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-001

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		103	64	132		1	%		09/14/06	SW846 5030B	SW846 8260B
Toluene-d8		106	73	127		1	%		09/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		107	68	122		1	%		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-12

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-002

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloromethane		0.93	0.24	0.80		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-12

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-002

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		102	64	132		1	%		09/14/06	SW846 5030B	SW846 8260B
Toluene-d8		105	73	127		1	%		09/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		105	68	122		1	%		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-11

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-003

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloromethane		1.2	0.24	0.80		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-11

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-003

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		100	64	132		1	%		09/14/06	SW846 5030B	SW846 8260B
Toluene-d8		101	73	127		1	%		09/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		108	68	122		1	%		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-6

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-004

VOLATILES

Prep Date: 09/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 0.93	0.93	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-6

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-004

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene		0.96	0.45	1.5		1	ug/L	Q	09/14/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		104	64	132		1	%		09/14/06	SW846 5030B	SW846 8260B
Toluene-d8		105	73	127		1	%		09/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		107	68	122		1	%		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-4

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-005

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloromethane		1.6	0.24	0.80		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-4

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-005

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene		3.8	0.45	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		101	64	132		1	%		09/14/06	SW846 5030B	SW846 8260B
Toluene-d8		103	73	127		1	%		09/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		109	68	122		1	%		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-7

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-006

VOLATILES

Prep Date: 09/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	17	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 0.93	0.93	3.1		1	ug/L		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-7

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-006

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene		8.9	0.45	1.5		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Trichloroethene		7.7	0.48	1.6		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		09/14/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL							
4-Bromofluorobenzene		101	64	132		1	%		09/14/06	SW846 5030B	SW846 8260B
Toluene-d8		102	73	127		1	%		09/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		108	68	122		1	%		09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-10

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-007

VOLATILES

Prep Date: 09/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Chloromethane		1.6	0.24	0.80		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
n-Butylbenzene	<	0.93	0.93	3.1		1	ug/L		09/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TW-10

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-007

VOLATILES

Prep Date: 09/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene		1.0	0.45	1.5		1	ug/L	Q	09/15/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L		09/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		98	64	132		1	%		09/15/06	SW846 5030B	SW846 8260B
Toluene-d8		102	73	127		1	%		09/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		105	68	122		1	%		09/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-008

VOLATILES

Prep Date: 09/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 0.97	0.97	3.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
n-Butylbenzene	< 0.93	0.93	3.1		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 875953

Client : ALPHA TERRA SCIENCE
Project Name : EXPRESS CLEANERS
Project Number : BLU-2006-01
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 09/11/06
Report Date : 09/18/06
Lab Sample Number : 875953-008

VOLATILES

Prep Date: 09/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
s-Butylbenzene	<	0.89	0.89	3.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
t-Butylbenzene	<	0.97	0.97	3.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Xylene, m + p	<	1.8	1.8	6.0		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L	V	09/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		104	64	132		1	%		09/14/06	SW846 5030B	SW846 8260B
Toluene-d8		106	73	127		1	%		09/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		107	68	122		1	%		09/14/06	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	875953-001	875953-002	875953-003	875953-004	875953-005	875953-006	875953-007	875953-008
VOLATILES	G	G	G	G	G	G	G	G

Code	Facility	Address	WI Certification
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: ALPHA TERRA Project # 875953

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Thermometer Used N/A Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 10.1 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: MB 9/12/06 LL 9/12/06

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. SAMPLE POINT TW-11 WAS BAGGED W/3 SAMPLES - ONE WAS NOT LABELED
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☑Yes ☐No ☐N/A	15. TRIP BLANK (008) 1-40 mL
Trip Blank Present:	☑Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: W **Date:** 9/13/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical®

Page: 1 of 1

0951833

Section A — Required Client Information:

Company: Alpha Terra Scienc
Address: 1237 S. Pilgrim Rd
Plymouth WI 53073
Email To: amyhaak@alphaterra.net
Phone: 920/892-2144 Fax: 892-2620
Requested Due Date/TAT:

Section B — Required Project Information:

Report To: Amy Haak-ATS
Copy To:
Purchase Order No.:
Project Name: Express Cleaners
Project Number: BLU-2006-01

Section C — Invoice Information:

Attention: Tim Timmermen
Company Name: Bluemound Plaza
Address:
Pace Quote Reference: DERF
Pace Project Manager: Eric
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ Other DERF

SITE LOCATION

☐GA ☐IL ☐IN ☐MI ☐MN ☐NC ☐OH ☐SC ☒WI ☐OTHER ____

Section D — Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / -)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Filtered (Y/N): N
Requested Analysis: VOC; Residual Chlorine (Y/N)
Pace Project Number / Lab I.D: 85953

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOC	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	TW-13	WT	G			9/11/06	12:17		3				3					X		3-40mL
2	TW-12	WT	G			9/11/06	12:47		3				3					X		
3	TW-11	WT	G			9/11/06	1:13		3				3					X		
4	TW-6	WT	G			9/11/06	1:38		3				3					X		
5	TW-4	WT	G			9/11/06	1:50		3				3					X		
6	TW-7	WT	G			9/11/06	2:02		3				3					X		
7	TW-10	WT	G			9/11/06	2:17		3				3					X		
8	TRIP BLANK	WT	G			9/11/06	9:00		1				1					X		1-40mL
9																				
10																				
11																				
12																				

Additional Comments:

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION
[signature]	9/12/06	12:33	D. Mielke	9/12/06	12:35	
D. Mielke	9/12/06	15:15	[signature]	9/12/06	1515	NOL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Amy Haak

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/12/06

Temp in °C

Received on Ice Y/N | Custody Sealed Cooler Y/N | Samples Intact Y/N

Microseeps Lab. Proj. # K0607150

CHAIN - OF - CUSTODY RECORD

Microseeps COC cont. # 1251

Phone: (412) 826-5245 | Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238 | Fax No. : (412) 826-3433

Company : Alpha Terra Science

Co. Address : 1237 S Pilgrim Rd, Plymouth WI 53073

Phone # : 920 892-2444 Fax # : 892-2620

Proj. Manager : Amy Haak

Proj. Name/Number : Express Cleaners BLU-2006-01

Sampler's signature : Heath Reed

Cooler Temp.

Parameters Requested

Results to : Amy Haak
Alpha Terra Science
1237 S. Pilgrim Rd
Plymouth WI 5307

Invoice to : Amy Haak
ATS

Sample ID	Sample Description	Sample Type Water	Vapor	Solid	Date	Time	# Bottles	* VOCs	Remarks :
VP-1	Suite 10		X		7/10/06	1503	2	X	* At a minimum need
VP-2	Suite 12		X		7/10/06	1602	2	X	PCE, TCE, cis 1-2 DCE,
— end —									trans 1,2 DCE
									Vinyl chloride

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
					MCO	7/13/6	1428
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

Client Name: Alpha Terra Science
Contact: Amy Hoak
Address: 1237 South Pilgrim Road
Plymouth, WI 53073

Lab Proj #: P0607150
Report Date: 07/25/06
Client Proj Name: Express Cleaners
Client Proj #: BLU-2006-01

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
VP-2	Vapor	P0607150-02	10 Jul. 06 16:00	13 Jul. 06 14:28

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N 1,1,1-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	7/17/06	rw
N 1,1-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	7/17/06	rw
N 1,1-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	7/17/06	rw
N Carbon Tetrachloride	<0.0050	0.0050	PPMV	AM4.02	7/17/06	rw
N Chloroform	<0.0050	0.0050	PPMV	AM4.02	7/17/06	rw
N cis-1,2-Dichloroethene	<0.0200	0.0200	PPMV	AM4.02	7/17/06	rw
N Methylene Chloride	<2.0000	2.0000	PPMV	AM4.02	7/17/06	rw
N Tetrachloroethene	0.0290	0.0100	PPMV	AM4.02	7/17/06	rw
N trans-1,2-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	7/17/06	rw
N Trichloroethene	<0.0100	0.0100	PPMV	AM4.02	7/17/06	rw
N Vinyl Chloride	<1.0000	1.0000	PPMV	AM4.02	7/17/06	rw

N - NELAC certified analysis

Client Name: Alpha Terra Science
Contact: Amy Hoak
Address: 1237 South Pilgrim Road
Plymouth, WI 53073

Lab Proj #: P0607150
Report Date: 07/25/06
Client Proj Name: Express Cleaners
Client Proj #: BLU-2006-01

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
VP-1	Vapor	P0607150-01	10 Jul. 06 15:00	13 Jul. 06 14:28

	Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
	RiskAnalysis						
N	1,1,1-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	7/17/06	rw
	1,1-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	7/17/06	rw
	1,1-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	7/17/06	rw
N	Carbon Tetrachloride	<0.0050	0.0050	PPMV	AM4.02	7/17/06	rw
N	Chloroform	<0.0050	0.0050	PPMV	AM4.02	7/17/06	rw
	cis-1,2-Dichloroethene	<0.0200	0.0200	PPMV	AM4.02	7/17/06	rw
N	Methylene Chloride	<2.0000	2.0000	PPMV	AM4.02	7/17/06	rw
N	Tetrachloroethene	0.2800	0.0100	PPMV	AM4.02	7/17/06	rw
	trans-1,2-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	7/17/06	rw
	Trichloroethene	<0.0100	0.0100	PPMV	AM4.02	7/17/06	rw
N	Vinyl Chloride	<1.0000	1.0000	PPMV	AM4.02	7/17/06	rw

N - NELAC certified analysis

Client Name: Alpha Terra Science
Contact: Amy Hoak
Address: 1237 South Pilgrim Road
Plymouth, WI 53073

Page: Page 1 of 3
Lab Proj #: P0607150
Report Date: 07/25/06
Client Proj Name: Express Cleaners
Client Proj #: BLU-2006-01

received 7/28/06

Laboratory Results

Total pages in data package: 4

Lab Sample #	Client Sample ID
P0607150-01	VP-1
P0607150-02	VP-2

Microseeps test results meet all the requirements of the NELAC standards.

Approved By: Char Washlaski

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Waste and Cleanup Risk Assessment Home
Basic Information
Where You Live
Waste and Cleanup Programs' Risk Assessment
Risk Assessment Topics
Policy Guidance
Databases and Tools
Alphabetical List of Documents
Frequent Questions
Related Links
Glossary
Site Map

Soil Screening Guidance Calculator

Equation Values for Soil to Ground Water

carcinogenic

Partitioning Equation Parameter	Value
Dilution factor (unitless)	2
Fraction organic carbon in soil (unitless)	0.001
Water-filled soil porosity (L_{water}/L_{soil})	0.2
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Dichloroethylene, 1,2-cis-	156592	1.4E-01	MCLG	2.7E-02
Tetrachloroethylene	127184	1.0E-02	MCL	4.1E-03
Trichloroethylene	79016	1.0E-02	MCL	3.7E-03

*Ground Water Concentration=Ground Water Concentration Source × Dilution Factor

This site is maintained and operated through a cooperative agreement between the EPA Office of Superfund and Oak Ridge National Laboratory. For questions or comments please contact Dave Crawford at the Office of Superfund.

ES = MCLG / MCL SSL's ok

Last updated on Thursday, October 12th, 2006
URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

U.S. Environmental Protection Agency

Waste and Cleanup Risk Assessment

Soil Screening Guidance Calculator

Equation Values for Soil to Ground Water

non-carcinogenic

Partitioning Equation Parameter	Value
Dilution factor (unitless)	4
Fraction organic carbon in soil (unitless)	0.001
Water-filled soil porosity (L_{water}/L_{soil})	0.2
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Dichloroethylene, 1,2-trans-	156605	4.0E-01	MCLG	9.8E-02

*Ground Water Concentration=Ground Water Concentration Source × Dilution Factor

This site is maintained and operated through a cooperative agreement between the EPA Office of Superfund and Oak Ridge National Laboratory. For questions or comments please contact Dave Crawford at the Office of Superfund.

SL = MCLG, treat as non-carcinogen

Last updated on Thursday, October 12th, 2006
URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

SSL = 20 x PAL or less - OK

U.S. Environmental Protection Agency

Waste and Cleanup Risk Assessment

Soil Screening Guidance Calculator

Equation Values for Soil to Ground Water

Partitioning Equation Parameter	Value
Dilution factor (unitless)	0.2
Fraction organic carbon in soil (unitless)	0.001
Water-filled soil porosity (L_{water}/L_{soil})	0.2
Dry soil bulk density (kg/L)	1.5
Soil particle density (kg/L)	2.65

Soil Screening Levels for Soil to Ground Water (mg/kg)

Analyte	Cas Number	Ground Water Concentration* (mg/L)	Ground Water Concentration Source	Soil Screening Level
Vinyl Chloride	75014	4.0E-04	MCL	1.3E-04

*Ground Water Concentration=Ground Water Concentration Source × Dilution Factor

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Last updated on Thursday, October 12th, 2006
URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

Vinyl chloride ES≠MCL

MCL 10X higher than ES
reduce dilution factor by 10X

Waste and Cleanup Risk Assessment Home
Basic Information
Where You Live
Waste and Cleanup Programs' Risk Assessment
Risk Assessment Topics
Policy Guidance
Databases and Tools
Alphabetical List of Documents
Frequent Questions
Related Links
Glossary
Site Map

Soil Screening Guidance Calculator

Non-industrial Property

Equation Values for Ingestion

Noncarcinogenic Parameter	Value	Carcinogenic Age-adjusted Parameter	Value	Carcinogenic Nonadjusted Parameter	Value
Target Hazard Quotient (unitless)	0.2	Target Risk (unitless)	1.0E-7	Target Risk (unitless)	1.0E-6
Body Weight (kg)	15	Adult Body Weight (kg)	70	Body Weight (kg)	70
		Child Body Weight (kg)	15		
Exposure Duration (yr)	6	Adult Exposure Duration (yr)	24	Exposure Duration (yr)	25
		Child Exposure Duration (yr)	6		
Exposure Frequency (day/yr)	350	Exposure Frequency (day/yr)	350	Exposure Frequency (day/yr)	250
Intake Rate (mg/day)	200	Adult Intake Rate (mg/day)	100	Intake Rate (mg/day)	50
		Child Intake Rate (mg/day)	200		
		Average Lifetime (yr)	70	Average Lifetime (yr)	70
		Age-adjusted Ingestion Factor (mg-yr/kg-day)	114.29		

Soil Screening Levels for Ingestion (mg/kg)

Analyte	Cas Number	Oral RfD	Oral Slope Factor	Noncarcinogenic	Carcinogenic (Age-adjusted)	Carcinogenic (Nonadjusted)
Dichloroethylene, 1,2-cis-	156592	1.00E-02 [b]		1.56E+02		
Dichloroethylene, 1,2-trans-	156605	2.00E-02 [a]		3.13E+02		
Tetrachloroethylene	127184	1.00E-02 [a]	5.20E-02 [v]	1.56E+02	1.23E+00	1.10E+02
Trichloroethylene	79016	3.00E-04 [v]	4.00E-01 [v]	4.69E+00	1.60E-01	1.43E+01
Vinyl Chloride	75014	3.00E-03 [a]	1.50E+00 [a]	4.69E+01	4.26E-02	3.82E+00

This site is maintained and operated through a cooperative agreement between the EPA Office of Superfund and Oak Ridge National Laboratory. For questions or comments please contact Dave Crawford at the Office of Superfund.

Last updated on Thursday, October 12th, 2006
URL: http://rais.ornl.gov/cgi-bin/epa/ssl2.cgi

October 5, 2006

Amy Haak
Alpha Terra Science
1237 S. Pilgrim Road
Plymouth, WI 53073

re: Express Cleaners/ Brookfield, Wisconsin / Project #BLU-2006-01

Dear Ms. Haak,

Enclosed you will find the analytical results for the samples collected September 15, 2006.

Please note the LC footnote states that where was a low CCV recovery for the following samples and compounds. The lower control limit is 80%.
Samples 35376, 35378, 35380, 35382 had the following CCV recoveries:
1,1-Dichloroethane 76.8% and 1,2-Dichloroethane 73.9% and 1,1,1-Trichloroethene 79.3%.
Samples 35372, 35374, 35384 had the following CCV recoveries:
1,2-Dichloroethane 79.7% and cis-1,2-Dichloroethene 76.7%.

The data is still considered acceptable. Please give us a call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
kak/MJL

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 1 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/18/06
Lab Sample Number: 35372
Concentration: ug/kg, dry weight
Sample Weight (g): 10.71
Dilution Factor: 1
Solids, Total: 96.2%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	24	**LC**
1,1-Dichloroethene	25	<	24	**M**
trans-1,2-Dichloroethene	25	<	24	**M**
1,1-Dichloroethane	25	<	24	**LC**
cis-1,2-Dichloroethene	25	<	24	**LC**
1,1,1-Trichloroethene	25	<	24	
1,2-Dichloroethane	25	<	24	**LC**
Trichloroethene	25	<	24	
Tetrachloroethene	25		**80**	
Dibromofluorobenzene			**97.9%**	
Toluene-D8			**105%**	
4-Bromofluorobenzene			**89.0%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.
M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Olson
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 2 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/18/06
Lab Sample Number: 35373
Concentration: ug/kg, dry weight
Sample Weight (g): 10.09
Dilution Factor: 1
Solids, Total: 96.3%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	26	
1,1-Dichloroethene	25	<	26	M
trans-1,2-Dichloroethene	25	<	26	
1,1-Dichloroethane	25	<	26	
cis-1,2-Dichloroethene	25	<	26	
1,1,1-Trichloroethene	25	<	26	
1,2-Dichloroethane	25	<	26	
Trichloroethene	25	<	26	
Tetrachloroethene	25	<	26	
Dibromofluorobenzene			**96.9%**	
Toluene-D8			**103%**	
4-Bromofluorobenzene			**104%**	

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Ouast

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 3 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/18/06
Lab Sample Number: 35374
Concentration: ug/kg, dry weight
Sample Weight (g): 11.31
Dilution Factor: 1
Solids, Total: 94.3%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	23	
1,1-Dichloroethene	25	<	23	
trans-1,2-Dichloroethene	25	<	23	
1,1-Dichloroethane	25	<	23	
cis-1,2-Dichloroethene	25	<	23	**LC**
1,1,1-Trichloroethene	25	<	23	
1,2-Dichloroethane	25	<	23	**LC**
Trichloroethene	25	<	23	
Tetrachloroethene	25		**60**	
Dibromofluorobenzene			**101%**	
Toluene-D8			**93.4%**	
4-Bromofluorobenzene			**88.9%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Oard

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 4 5.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35375
Concentration: ug/kg, dry weight
Sample Weight (g): 11.42
Dilution Factor: 1
Solids, Total: 94.7%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	23
1,1-Dichloroethene	25	<	23
trans-1,2-Dichloroethene	25	<	23
1,1-Dichloroethane	25	<	23
cis-1,2-Dichloroethene	25	<	23
1,1,1-Trichloroethene	25	<	23
1,2-Dichloroethane	25	<	23
Trichloroethene	25	<	23
Tetrachloroethene	25	<	23
Dibromofluorobenzene			**93.0%**
Toluene-D8			**102%**
4-Bromofluorobenzene			**102%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Oswald
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 5 5.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35376
Concentration: ug/kg, dry weight
Sample Weight (g): 10.41
Dilution Factor: 1
Solids, Total: 90.1%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	27	
1,1-Dichloroethene	25	<	27	
trans-1,2-Dichloroethene	25	<	27	
1,1-Dichloroethane	25	<	27	**LC**
cis-1,2-Dichloroethene	25	<	27	
1,1,1-Trichloroethene	25	<	27	**LC**
1,2-Dichloroethane	25	<	27	**LC**
Trichloroethene	25	<	27	
Tetrachloroethene	25	<	27	
Dibromofluorobenzene			**86.3%**	
Toluene-D8			**98.1%**	
4-Bromofluorobenzene			**90.9%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Amrhein
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 6 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35377
Concentration: ug/kg, dry weight
Sample Weight (g): 10.84
Dilution Factor: 1
Solids, Total: 95.2%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25		**40**
Dibromofluorobenzene			**94.7%**
Toluene-D8			**100%**
4-Bromofluorobenzene			**101%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Crunk
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 7 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06 Lab Sample Number: 35378
Concentration: ug/kg, dry weight
Sample Weight (g): 10.70
Dilution Factor: 1
Solids, Total: 94.5%

	Reporting Limit		**Sample Result**	
Vinyl Chloride	25	<	25	
1,1-Dichloroethene	25	<	25	
trans-1,2-Dichloroethene	25	<	25	
1,1-Dichloroethane	25	<	25	**LC**
cis-1,2-Dichloroethene	25	<	25	
1,1,1-Trichloroethene	25	<	25	**LC**
1,2-Dichloroethane	25	<	25	**LC**
Trichloroethene	25	<	25	
Tetrachloroethene	25		**180**	
Dibromofluorobenzene			**84.6%**	
Toluene-D8			**98.2%**	
4-Bromofluorobenzene			**81.8%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: [signature]

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 8 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35379
Concentration: ug/kg, dry weight
Sample Weight (g): 10.67
Dilution Factor: 1
Solids, Total: 94.8%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	25
1,1-Dichloroethene	25	<	25
trans-1,2-Dichloroethene	25	<	25
1,1-Dichloroethane	25	<	25
cis-1,2-Dichloroethene	25	<	25
1,1,1-Trichloroethene	25	<	25
1,2-Dichloroethane	25	<	25
Trichloroethene	25	<	25
Tetrachloroethene	25		**250**
Dibromofluorobenzene			**97.3%**
Toluene-D8			**99.6%**
4-Bromofluorobenzene			**96.1%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: [signature]

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 9 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35380
Concentration: ug/kg, dry weight
Sample Weight (g): 11.27
Dilution Factor: 1
Solids, Total: 94.3%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	24	
1,1-Dichloroethene	25	<	24	
trans-1,2-Dichloroethene	25	<	24	
1,1-Dichloroethane	25	<	24	**LC**
cis-1,2-Dichloroethene	25	<	24	
1,1,1-Trichloroethene	25	<	24	**LC**
1,2-Dichloroethane	25	<	24	**LC**
Trichloroethene	25	<	24	
Tetrachloroethene	25		**92**	
Dibromofluorobenzene			**88.3%**	
Toluene-D8			**98.6%**	
4-Bromofluorobenzene			**83.3%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Rachel Carroll

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 10 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35381
Concentration: ug/kg, dry weight
Sample Weight (g): 10.44
Dilution Factor: 1
Solids, Total: 95.5%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	25
1,1-Dichloroethene	25	<	25
trans-1,2-Dichloroethene	25	<	25
1,1-Dichloroethane	25	<	25
cis-1,2-Dichloroethene	25	<	25
1,1,1-Trichloroethene	25	<	25
1,2-Dichloroethane	25	<	25
Trichloroethene	25	<	25
Tetrachloroethene	25		**50**
Dibromofluorobenzene			**104%**
Toluene-D8			**101%**
4-Bromofluorobenzene			**95.6%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Omundson
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners — Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 11 5.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06 — Lab Sample Number: 35382
Concentration: ug/kg, dry weight
Sample Weight (g): 10.89
Dilution Factor: 1
Solids, Total: 92.8%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	25	
1,1-Dichloroethene	25	<	25	
trans-1,2-Dichloroethene	25	<	25	
1,1-Dichloroethane	25	<	25	LC
cis-1,2-Dichloroethene	25	<	25	
1,1,1-Trichloroethene	25	<	25	LC
1,2-Dichloroethane	25	<	25	LC
Trichloroethene	25	<	25	
Tetrachloroethene	25		**89**	
Dibromofluorobenzene			**85.0%**	
Toluene-D8			**94.0%**	
4-Bromofluorobenzene			**88.6%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: [signature]

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 12 2.5'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35383
Concentration: ug/kg, dry weight
Sample Weight (g): 13.00
Dilution Factor: 1
Solids, Total: 93.6%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	21
1,1-Dichloroethene	25	<	21
trans-1,2-Dichloroethene	25	<	21
1,1-Dichloroethane	25	<	21
cis-1,2-Dichloroethene	25	<	21
1,1,1-Trichloroethene	25	<	21
1,2-Dichloroethane	25	<	21
Trichloroethene	25	<	21
Tetrachloroethene	25		**78**
Dibromofluorobenzene			**104%**
Toluene-D8			**103%**
4-Bromofluorobenzene			**97.3%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Rachel Oswald
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 13 7'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/18/06
Lab Sample Number: 35384
Concentration: ug/kg, dry weight
Sample Weight (g): 11.23
Dilution Factor: 1
Solids, Total: 84.1%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	26	
1,1-Dichloroethene	25	<	26	
trans-1,2-Dichloroethene	25	<	26	
1,1-Dichloroethane	25	<	26	
cis-1,2-Dichloroethene	25	<	26	**LC**
1,1,1-Trichloroethene	25	<	26	
1,2-Dichloroethane	25	<	26	**LC**
Trichloroethene	25	<	26	
Tetrachloroethene	25	<	26	
Dibromofluorobenzene			**98.3%**	
Toluene-D8			**103%**	
4-Bromofluorobenzene			**90.5%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Arnold

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 14 7'
Date Collected: 09/15/06
Sample Type: Soil

Date Analyzed: 09/16/06
Lab Sample Number: 35385
Concentration: ug/kg, dry weight
Sample Weight (g): 11.01
Dilution Factor: 1
Solids, Total: 84.4%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	27
1,1-Dichloroethene	25	<	27
trans-1,2-Dichloroethene	25	<	27
1,1-Dichloroethane	25	<	27
cis-1,2-Dichloroethene	25	<	27
1,1,1-Trichloroethene	25	<	27
1,2-Dichloroethane	25	<	27
Trichloroethene	25	<	27
Tetrachloroethene	25	<	27
Dibromofluorobenzene			**105%**
Toluene-D8			**107%**
4-Bromofluorobenzene			**97.4%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Owen
Date: 10/5/06

1861.56

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 016048 *

Page 1 of ____

Turn Around (circle one) Normal (Rush)
Report Due:

Project Number:	BLU-2006-01
Project Name:	Express Cleaners
Project Location:	Brookfield WI
Sampled By (Print):	Heather Cleveland / Amy Haak
Mail Report To:	Amy Haak
Company:	Alpha Terra Science
Address:	1237 S Pilgrim Rd Plymouth WI 53073
Invoice To:	Tim Timmerman
Company:	Bluemound Plaza LLC
Address:	c/o ATS
P.O. No.:	Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
1 2.5'	9/15/06	14:15	Soil	2	1-none 1-MeOH	CVOC		35372
2 2.5'	9/15/06	14:16		2	1-			35373
3 2.5'	9/15/06	14:19		2				35374
4 5.5'	9/15/06	14:20		2				35375
5 5.5'	9/15/06	14:30		2				35376
6 2.5'	9/15/06	14:25		2				35377
7 2.5'	9/15/06	14:35		2				35378
8 2.5'	9/15/06	14:39		2				35379
9 2.5'	9/15/06	14:43		2				35380
10 2.5'	9/15/06	14:50		2				35381
11 5.5'	9/15/06	14:55		2				35382
12 2.5'	9/15/06	15:00		2				35383

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Amy Haak / ATS	Date/Time:	9/15/06
Received By:	[illegible] 5358	Date/Time:	
Relinquished By:		Date/Time:	
Received By:	Kari Ann Killian	Date/Time:	9/16/06 0955

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via: Fed Ex
Receipt Temp: on ice
Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

1861.56

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY No. 016049 *

Page ____ of ____

Turn Around (circle one) Normal Rush
Report Due:

Project Number: BLU-2006-01
Project Name: Express Cleaners
Project Location: Brookfield WI
Sampled By (Print): Heather Cleveland, Amy Haak

Mail Report To: Amy Haak
Company: Alpha Terra Science
Address: 1237 S. Pilgrim Rd, Plymouth WI 53073

Invoice To: Tim Timmerman
Company: Blue mound Plaza
Address: c/o ATS

P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
B 7'	9/15/06	15:05	soil	2	1-A 1-F	CVOC	(X)	35384
A 7'	9/15/06	15:10	soil	2	1	CVOC	(X)	35385

(X) Total Solid containers lid not properly closed. Water from melted ice seeped in.

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time:	Received By:	Date/Time:
Amy Haak / ATS	9/15/06	#5358	
Relinquished By:	Date/Time:	Received By: Kari-Ann Killian	Date/Time: 9/16/06 0955

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via: Fed Ex
Receipt Temp: on ice
Temp Blank Y N

W REF OP LOW BOR COPY PINK SAMPLE SUBMITTER

18617.57

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 016046 *

Page 1 of ____

Turn Around (circle one) Normal Rush
Report Due:

Project Number: BLU-2006-01
Project Name: Express Cleaners
Project Location: Brookfield WI
Sampled By (Print): Amy Haak

Mail Report To: Amy Haak
Company: Alpha Terra Science
Address: 1237 S Pilgrim Rd
Plymouth WI 53073

Invoice To: Tim Timmerman
Company: Bluemound Plaza LLC
Address: c/o ATS

P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
13 7'	9/19/06	8:50	soil	1	A	dry weight	For samples recd last week	35384
14 7'	9/19/06	8:52	soil	1	A	dry weight	for sample recd last week	35385
15 2.5'	9/19/06	2:02	soil	2	1-A 1-F	CVOC		35399
16 2.5'	9/19/06	2:12	soil	2	1-A 1-F	CVOC		35400
17 2.5'	9/19/06	2:16	soil	2	1-A 1-F	CVOC		35401
18 2.5'	9/19/06	2:20	soil	2	1-A 1-F	CVOC		35402
19 2.5'	9/19/06	3:17	soil	2	1-A 1-F	CVOC		35403
20 2.5'	9/19/06	3:35	soil	2	1-A 1-F	CVOC		35404
21 7'	9/19/06	3:37	soil	2	1-A 1-F	CVOC		35405

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Amy Haak / Alpha Terra — Date/Time: 9/19/06 3:59
Relinquished By: — Date/Time:

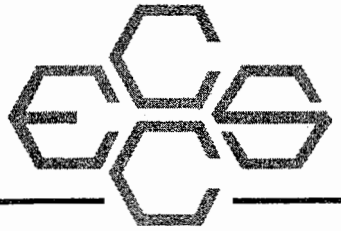
Received By: 9-19-06 4:00 pm — Date/Time:
Received By: Kari-Ann Killam — Date/Time: 9/20/06 0815

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Receipt Temp:
Temp Blank Y N

Shipped Via: Dunhams Express

Call w/ Results 920/980-4221

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER



October 4, 2006

Amy Haak
Alpha Terra Science
1237 S. Pilgrim Road
Plymouth, WI 53073

re: Express Cleaners/ Brookfield, Wisconsin / Project #BLU-2006-01

Dear Ms. Haak,

Enclosed you will find the analytical results for the samples collected September 19, 2006. Also note, the HC footnote states that there was a high CCV recovery for Tetrachloroethene. The upper control limit is 120% and the recovery was 126%. The data is still considered acceptable. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
kak/MJL

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 15 2.5'
Date Collected: 09/19/06
Sample Type: Soil

Date Analyzed: 09/20/06
Lab Sample Number: 35399
Concentration: ug/kg, dry weight
Sample Weight (g): 10.49
Dilution Factor: 1
Solids, Total: 94.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	25
1,1-Dichloroethene	25	<	25
trans-1,2-Dichloroethene	25	<	25
1,1-Dichloroethane	25	<	25
cis-1,2-Dichloroethene	25	<	25
1,1,1-Trichloroethene	25	<	25
1,2-Dichloroethane	25	<	25
Trichloroethene	25	<	25
Tetrachloroethene	25	<	25
Dibromofluorobenzene			**94.0%**
Toluene-D8			**97.0%**
4-Bromofluorobenzene			**87.0%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Oswald
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 16 2.5'
Date Collected: 09/19/06
Sample Type: Soil

Date Analyzed: 09/20/06
Lab Sample Number: 35400
Concentration: ug/kg, dry weight
Sample Weight (g): 11.23
Dilution Factor: 1
Solids, Total: 94.4%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	24	**M**
1,1-Dichloroethene	25	<	24	**M**
trans-1,2-Dichloroethene	25	<	24	
1,1-Dichloroethane	25	<	24	**M**
cis-1,2-Dichloroethene	25	<	24	
1,1,1-Trichloroethene	25	<	24	**M**
1,2-Dichloroethane	25	<	24	
Trichloroethene	25	<	24	**M**
Tetrachloroethene	25	<	24	
Dibromofluorobenzene			**101%**	
Toluene-D8			**100%**	
4-Bromofluorobenzene			**104%**	

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Owen

Date: 10/5/06

8260 VOCs

Summary of Test Results

Project Name: Express Cleaners　　Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 17 2.5'
Date Collected: 09/19/06
Sample Type: Soil

Date Analyzed: 09/20/06　　Lab Sample Number: 35401
Concentration: ug/kg, dry weight
Sample Weight (g): 10.76
Dilution Factor: 1
Solids, Total: 94.5%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	25	
1,1-Dichloroethene	25	<	25	
trans-1,2-Dichloroethene	25	<	25	
1,1-Dichloroethane	25	<	25	
cis-1,2-Dichloroethene	25	<	25	
1,1,1-Trichloroethene	25	<	25	
1,2-Dichloroethane	25	<	25	
Trichloroethene	25	<	25	
Tetrachloroethene	25		**25**	**HC**
Dibromofluorobenzene			**99.9%**	
Toluene-D8			**109%**	
4-Bromofluorobenzene			**86.2%**	

HC = Results maybe biased high due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: [signature]

Date: 10/5/06

8260 VOCs

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 18 2.5'
Date Collected: 09/19/06
Sample Type: Soil

Date Analyzed: 09/20/06
Lab Sample Number: 35402
Concentration: ug/kg, dry weight
Sample Weight (g): 10.78
Dilution Factor: 1
Solids, Total: 95.1%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25		**110**
Dibromofluorobenzene			**99.8%**
Toluene-D8			**102%**
4-Bromofluorobenzene			**104%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Owen

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 19 2.5'
Date Collected: 09/19/06
Sample Type: Soil

Date Analyzed: 09/20/06
Lab Sample Number: 35403
Concentration: ug/kg, dry weight
Sample Weight (g): 11.77
Dilution Factor: 1
Solids, Total: 93.1%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	23	
1,1-Dichloroethene	25	<	23	
trans-1,2-Dichloroethene	25	<	23	
1,1-Dichloroethane	25	<	23	
cis-1,2-Dichloroethene	25	<	23	
1,1,1-Trichloroethene	25	<	23	
1,2-Dichloroethane	25	<	23	
Trichloroethene	25	<	23	
Tetrachloroethene	25		**25**	**HC**
Dibromofluorobenzene			**101%**	
Toluene-D8			**110%**	
4-Bromofluorobenzene			**93.2%**	

HC = Results maybe biased high due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

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Approved by: Robert Oswald
Date: 10/5/06

8260 VOCs

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 20 2.5'
Date Collected: 09/19/06
Sample Type: Soil

Date Analyzed: 09/20/06
Lab Sample Number: 35404
Concentration: ug/kg, dry weight
Sample Weight (g): 10.83
Dilution Factor: 1
Solids, Total: 94.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25		**45**
Dibromofluorobenzene			**99.6%**
Toluene-D8			**105%**
4-Bromofluorobenzene			**104%**

Method Reference: Modified 8260

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Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 21 7'
Date Collected: 09/19/06
Sample Type: Soil

Date Analyzed: 09/20/06
Lab Sample Number: 35405
Concentration: ug/kg, dry weight
Sample Weight (g): 10.59
Dilution Factor: 1
Solids, Total: 83.0%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	28
1,1-Dichloroethene	25	<	28
trans-1,2-Dichloroethene	25	<	28
1,1-Dichloroethane	25	<	28
cis-1,2-Dichloroethene	25	<	28
1,1,1-Trichloroethene	25	<	28
1,2-Dichloroethane	25	<	28
Trichloroethene	25	<	28
Tetrachloroethene	25	<	28
Dibromofluorobenzene			**81.7%**
Toluene-D8			**101%**
4-Bromofluorobenzene			**87.3%**

Method Reference: Modified 8260

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1861.57

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718

Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 016046 *

Page 1 of ____

Project Number: BLU-2006-01	Mail Report To: Amy Haak	Turn Around (circle one) Normal (Rush)
Project Name: Express Cleaners	Company: Alpha Terra Science	Report Due:
Project Location: Brookfield WI	Address: 1237 S Pilgrim Rd	Invoice To: Tim Timmerman
Sampled By (Print): Amy Haak	Plymouth WI 53073	Company: Bluemound Plaza LLC
		Address: c/o ATS
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
13 7'	9/19/06	8:50	soil	1	A	dry weight	For samples rec'd last week	35384
14 7'	9/19/06	8:52	soil	1	A	dry weight	for sample rec'd last week	35385
15 2.5'	9/19/06	2:02	soil	2	1-A 1-F	CVOC		35399
16 2.5'	9/19/06	2:12	soil	2	1-A 1-F	CVOC		35400
17 2.5'	9/19/06	2:16	soil	2	1-A 1-F	CVOC		35401
18 2.5'	9/19/06	2:20	soil	2	1-A 1-F	CVOC		35402
19 2.5'	9/19/06	3:17	soil	2	1-A 1-F	CVOC		35403
20 2.5'	9/19/06	3:35	soil	2	1-A 1-F	CVOC		35404
21 7'	9/19/06	3:37	soil	2	1-A 1-F	CVOC		35405

*Preservation Code	Relinquished By:	Date/Time:	Received By:	Date/Time:
A=None B=HCL C=H2SO4	Amy Haak / Alpha Terra	9/19/06 3:59	9-19-06 4:00 pm	
D=HNO3 E=EnCore F=Methanol	Relinquished By:	Date/Time:	Received By: Kari-Ann Killian	Date/Time: 9/20/06 0815
G=NaOH O=Other(Indicate)				

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Receipt Temp:

Shipped Via: Dunhams Express

Temp Blank Y N

8260 VOCs

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 23 11'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35419
Concentration: ug/kg, dry weight
Sample Weight (g): 11.78
Dilution Factor: 1
Solids, Total: 89.7%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25	<	24
Dibromofluorobenzene			**103%**
Toluene-D8			**105%**
4-Bromofluorobenzene			**104%**

Method Reference: Modified 8260

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Approved by: Robert Owen

Date: 10/5/06

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 24 2.5'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35420
Concentration: ug/kg, dry weight
Sample Weight (g): 10.71
Dilution Factor: 1
Solids, Total: 93.6%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	25	
1,1-Dichloroethene	25	<	25	
trans-1,2-Dichloroethene	25	<	25	
1,1-Dichloroethane	25	<	25	
cis-1,2-Dichloroethene	25	<	25	
1,1,1-Trichloroethene	25	<	25	
1,2-Dichloroethane	25	<	25	
Trichloroethene	25	<	25	
Tetrachloroethene	25		**91**	**HC**
Dibromofluorobenzene			**102%**	
Toluene-D8			**99.9%**	
4-Bromofluorobenzene			**81.4%**	

HC = Results maybe biased high due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 25 2.5'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35421
Concentration: ug/kg, dry weight
Sample Weight (g): 11.22
Dilution Factor: 1
Solids, Total: 94.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	23
1,1-Dichloroethene	25	<	23
trans-1,2-Dichloroethene	25	<	23
1,1-Dichloroethane	25	<	23
cis-1,2-Dichloroethene	25	<	23
1,1,1-Trichloroethene	25	<	23
1,2-Dichloroethane	25	<	23
Trichloroethene	25	<	23
Tetrachloroethene	25	<	23
Dibromofluorobenzene			**108%**
Toluene-D8			**104%**
4-Bromofluorobenzene			**102%**

Method Reference: Modified 8260

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Approved by: Rachel Arnold
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 26 2.5'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35422
Concentration: ug/kg, dry weight
Sample Weight (g): 10.23
Dilution Factor: 1
Solids, Total: 95.0%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	26
1,1-Dichloroethene	25	<	26
trans-1,2-Dichloroethene	25	<	26
1,1-Dichloroethane	25	<	26
cis-1,2-Dichloroethene	25	<	26
1,1,1-Trichloroethene	25	<	26
1,2-Dichloroethane	25	<	26
Trichloroethene	25	<	26
Tetrachloroethene	25	<	26
Dibromofluorobenzene			**114%**
Toluene-D8			**108%**
4-Bromofluorobenzene			**85.8%**

Method Reference: Modified 8260

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Date: 10/5/06

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 27 5.5'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35423
Concentration: ug/kg, dry weight
Sample Weight (g): 9.90
Dilution Factor: 1
Solids, Total: 85.8%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	29
1,1-Dichloroethene	25	<	29
trans-1,2-Dichloroethene	25	<	29
1,1-Dichloroethane	25	<	29
cis-1,2-Dichloroethene	25	<	29
1,1,1-Trichloroethene	25	<	29
1,2-Dichloroethane	25	<	29
Trichloroethene	25	<	29
Tetrachloroethene	25	<	29
Dibromofluorobenzene			**104%**
Toluene-D8			**105%**
4-Bromofluorobenzene			**106%**

Method Reference: Modified 8260

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Date: 10/5/06

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 28 7'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35424
Concentration: ug/kg, dry weight
Sample Weight (g): 8.10
Dilution Factor: 1
Solids, Total: 83.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	37
1,1-Dichloroethene	25	<	37
trans-1,2-Dichloroethene	25	<	37
1,1-Dichloroethane	25	<	37
cis-1,2-Dichloroethene	25	<	37
1,1,1-Trichloroethene	25	<	37
1,2-Dichloroethane	25	<	37
Trichloroethene	25	<	37
Tetrachloroethene	25	<	37
Dibromofluorobenzene			**107%**
Toluene-D8			**104%**
4-Bromofluorobenzene			**83.0%**

Method Reference: Modified 8260

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Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 29 11'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35425
Concentration: ug/kg, dry weight
Sample Weight (g): 12.03
Dilution Factor: 1
Solids, Total: 88.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	23
1,1-Dichloroethene	25	<	23
trans-1,2-Dichloroethene	25	<	23
1,1-Dichloroethane	25	<	23
cis-1,2-Dichloroethene	25	<	23
1,1,1-Trichloroethene	25	<	23
1,2-Dichloroethane	25	<	23
Trichloroethene	25	<	23
Tetrachloroethene	25	<	23
Dibromofluorobenzene			**109%**
Toluene-D8			**105%**
4-Bromofluorobenzene			**108%**

Method Reference: Modified 8260

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Date: 10/5/06

8260 VOCs

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 30 7'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35426
Concentration: ug/kg, dry weight
Sample Weight (g): 9.96
Dilution Factor: 1
Solids, Total: 81.0%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	31
1,1-Dichloroethene	25	<	31
trans-1,2-Dichloroethene	25	<	31
1,1-Dichloroethane	25	<	31
cis-1,2-Dichloroethene	25	<	31
1,1,1-Trichloroethene	25	<	31
1,2-Dichloroethane	25	<	31
Trichloroethene	25	<	31
Tetrachloroethene	25	<	31
Dibromofluorobenzene			**112%**
Toluene-D8			**106%**
4-Bromofluorobenzene			**89.1%**

Method Reference: Modified 8260

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Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 31 11'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35427
Concentration: ug/kg, dry weight
Sample Weight (g): 11.46
Dilution Factor: 1
Solids, Total: 91.3%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25	<	24
Dibromofluorobenzene			**97.5%**
Toluene-D8			**99.4%**
4-Bromofluorobenzene			**82.4%**

Method Reference: Modified 8260

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Date: 10/3/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 32 7'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35428
Concentration: ug/kg, dry weight
Sample Weight (g): 9.71
Dilution Factor: 1
Solids, Total: 79.4%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	32
1,1-Dichloroethene	25	<	32
trans-1,2-Dichloroethene	25	<	32
1,1-Dichloroethane	25	<	32
cis-1,2-Dichloroethene	25	<	32
1,1,1-Trichloroethene	25	<	32
1,2-Dichloroethane	25	<	32
Trichloroethene	25	<	32
Tetrachloroethene	25	<	32
Dibromofluorobenzene			**102%**
Toluene-D8			**104%**
4-Bromofluorobenzene			**85.0%**

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 33 11'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35429
Concentration: ug/kg, dry weight
Sample Weight (g): 11.85
Dilution Factor: 1
Solids, Total: 89.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	23
1,1-Dichloroethene	25	<	23
trans-1,2-Dichloroethene	25	<	23
1,1-Dichloroethane	25	<	23
cis-1,2-Dichloroethene	25	<	23
1,1,1-Trichloroethene	25	<	23
1,2-Dichloroethane	25	<	23
Trichloroethene	25	<	23
Tetrachloroethene	25		**68**
Dibromofluorobenzene			**102%**
Toluene-D8			**106%**
4-Bromofluorobenzene			**101%**

Method Reference: Modified 8260

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Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 34 7'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35430
Concentration: ug/kg, dry weight
Sample Weight (g): 10.74
Dilution Factor: 1
Solids, Total: 83.7%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	28
1,1-Dichloroethene	25	<	28
trans-1,2-Dichloroethene	25	<	28
1,1-Dichloroethane	25	<	28
cis-1,2-Dichloroethene	25	<	28
1,1,1-Trichloroethene	25	<	28
1,2-Dichloroethane	25	<	28
Trichloroethene	25	<	28
Tetrachloroethene	25	<	28
Dibromofluorobenzene			**96.6%**
Toluene-D8			**104%**
4-Bromofluorobenzene			**84.6%**

Method Reference: Modified 8260

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Approved by: Rachel Onsrud
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 35 11'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35431
Concentration: ug/kg, dry weight
Sample Weight (g): 12.09
Dilution Factor: 1
Solids, Total: 89.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	23
1,1-Dichloroethene	25	<	23
trans-1,2-Dichloroethene	25	<	23
1,1-Dichloroethane	25	<	23
cis-1,2-Dichloroethene	25	<	23
1,1,1-Trichloroethene	25	<	23
1,2-Dichloroethane	25	<	23
Trichloroethene	25	<	23
Tetrachloroethene	25	<	23
Dibromofluorobenzene			**108%**
Toluene-D8			**105%**
4-Bromofluorobenzene			**104%**

Method Reference: Modified 8260

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Approved by: Robert Oswald
Date: 10/5/06

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 36 11'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35432
Concentration: ug/kg, dry weight
Sample Weight (g): 9.17
Dilution Factor: 1
Solids, Total: 88.0%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	31
1,1-Dichloroethene	25	<	31
trans-1,2-Dichloroethene	25	<	31
1,1-Dichloroethane	25	<	31
cis-1,2-Dichloroethene	25	<	31
1,1,1-Trichloroethene	25	<	31
1,2-Dichloroethane	25	<	31
Trichloroethene	25	<	31
Tetrachloroethene	25	<	31
Dibromofluorobenzene			**104%**
Toluene-D8			**106%**
4-Bromofluorobenzene			**86.9%**

Method Reference: Modified 8260

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8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 37 5.5'
Date Collected: 09/20/06
Sample Type: Soil

Date Analyzed: 09/21/06
Lab Sample Number: 35433
Concentration: ug/kg, dry weight
Sample Weight (g): 11.19
Dilution Factor: 1
Solids, Total: 94.2%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25	<	24
Dibromofluorobenzene			**101%**
Toluene-D8			**102%**
4-Bromofluorobenzene			**105%**

Method Reference: Modified 8260

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2525 Advance Road Madison, WI 53718
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CHAIN OF CUSTODY

1861.58

No. 011016 *

Page 1 of 2

Turn Around (circle one) Normal Rush

Report Due:

Project Number: BLU-2006-01
Project Name: Express Cleaners
Project Location: Brookfield WI
Sampled By (Print): Amy Haak

Mail Report To: Amy Haak
Company: Alpha Terra Science
Address: 1237 S Plymouth Rd
Plymouth WI 53073

Invoice To: Tim Timmerman
Company: Bluemound Plaza
Address: c/o ATS

P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
22 7'	9/20/06	8:31	soil	2	1-A 1-F	CVOC		35418
23 11'	9/20/06	8:45	soil	2	1-A 1-F	CVOC		35419
24 2.5'	9/20/06	8:51	soil	2	1-A 1-F	CVOC		35420
25 2.5'	9/20/06	8:55	soil	2	1-A 1-F	CVOC		35421
26 2.5'	9/20/06	9:02	Soil	2	1-A 1-F	CVOC		35422
27 5.5'	9/20/06	10:58	soil	2	1-A 1-F	CVOC		35423
28 7'	9/20/06	11:03	soil	2	1-A 1-F	CVOC		35424
29 11'	9/20/06	11:07	soil	2	1-A 1-F	CVOC		35425
30 7'	9/20/06	11:11	Soil	2	1-A 1-F	CVOC		35426
31 11'	9/20/06	11:18	Soil	2	1-A 1-F	CVOC		35427
32 7'	9/20/06	11:26	soil	2	1-A 1-F	CVOC	plastic specimen cup labeled 32-11'	35428
33 11'	9/20/06	11:30	Soil	2	1-A 1-F	CVOC		35429

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Amy Haak / Alpha Terra — Date/Time: 9/20/06 12:10
Received By: Cheyenne — Date/Time: 9/20 12:10

Relinquished By: — Date/Time:
Received By: 9-20-06 1320 — Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via: hand del
Receipt Temp: on ice
Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

1861.58

No. 007596 *

Page 2 of 2

Turn Around (circle one) Normal (Rush)
Report Due:

Project Number:	BLU-2006-01	Mail Report To:	Amy
Project Name:	Express Cleaners	Company:	Alpha Terra
Project Location:	Brookfield WI	Address:	
Sampled By (Print):	Amy Haake		

Invoice To: Jim Timmerman
Company:
Address: c/o ATS
P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
34 7'	9/20/06	11:35	Soil	2	1-A 1-F	CVOC		35430
35 11'	9/20/06	11:41	Soil	2	1-A 1-F	CVOC		35431
36 11'	9/20/06	11:45	Soil	2	1-A 1-F	CVOC		35432
37 5.5'	9/20/06	11:50	Soil	2	1-A 1-F	CVOC		35433

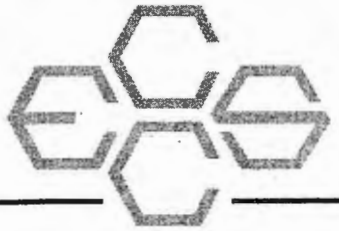
*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Amy Haake / Alpha Terra
Date/Time: 9/20/06 12:10
Received By: Cheyenne
Date/Time: 9/20 12:10

Relinquished By:
Date/Time:
Received By: Jessica Ford
Date/Time: 9-20-06 1320

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via: hand del
Receipt Temp: onice
Temp Blank Y N

W REP OP LO COM PINK SAMPLER/SUBMITTER



October 4, 2006

Amy Haak
Alpha Terra Science
1237 S. Pilgrim Road
Plymouth, WI 53073

re: Express Cleaners/ Brookfield, Wisconsin / Project #BLU-2006-01

Dear Ms. Haak,

Enclosed you will find the analytical results for the samples collected September 21 & 22, 2006. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
kak/MJL

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 38 2.5'
Date Collected: 09/21/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35505
Concentration: ug/kg, dry weight
Sample Weight (g): 11.58
Dilution Factor: 1
Solids, Total: 95.7%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	23	
1,1-Dichloroethene	25	<	23	**M**
trans-1,2-Dichloroethene	25	<	23	**M**
1,1-Dichloroethane	25	<	23	
cis-1,2-Dichloroethene	25	<	23	
1,1,1-Trichloroethene	25	<	23	
1,2-Dichloroethane	25	<	23	
Trichloroethene	25	<	23	
Tetrachloroethene	25		**36**	
Dibromofluorobenzene			**80.6%**	
Toluene-D8			**108%**	
4-Bromofluorobenzene			**87.4%**	

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Rachel Oswald
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 39 7'
Date Collected: 09/21/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35506
Concentration: ug/kg, dry weight
Sample Weight (g): 11.02
Dilution Factor: 1
Solids, Total: 81.6%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	28	
1,1-Dichloroethene	25	<	28	**M**
trans-1,2-Dichloroethene	25	<	28	**M**
1,1-Dichloroethane	25	<	28	
cis-1,2-Dichloroethene	25	<	28	
1,1,1-Trichloroethene	25	<	28	
1,2-Dichloroethane	25	<	28	**M**
Trichloroethene	25	<	28	
Tetrachloroethene	25	<	28	
Dibromofluorobenzene			**109%**	
Toluene-D8			**105%**	
4-Bromofluorobenzene			**97.1%**	

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Crook

Date: 10/5/06

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 40 2.5'
Date Collected: 09/21/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35507
Concentration: ug/kg, dry weight
Sample Weight (g): 10.78
Dilution Factor: 1
Solids, Total: 94.8%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25		**40**
Dibromofluorobenzene			**138%**
Toluene-D8			**107%**
4-Bromofluorobenzene			**99.1%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Owen

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 41 2.5'
Date Collected: 09/21/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35508
Concentration: ug/kg, dry weight
Sample Weight (g): 10.00
Dilution Factor: 1
Solids, Total: 96.8%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	26
1,1-Dichloroethene	25	<	26
trans-1,2-Dichloroethene	25	<	26
1,1-Dichloroethane	25	<	26
cis-1,2-Dichloroethene	25	<	26
1,1,1-Trichloroethene	25	<	26
1,2-Dichloroethane	25	<	26
Trichloroethene	25	<	26
Tetrachloroethene	25	<	26
Dibromofluorobenzene			**113%**
Toluene-D8			**103%**
4-Bromofluorobenzene			**92.2%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Owen

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 42 13.75'
Date Collected: 09/21/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35509
Concentration: ug/kg, dry weight
Sample Weight (g): 12.61
Dilution Factor: 1
Solids, Total: 90.4%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	22
1,1-Dichloroethene	25	<	22
trans-1,2-Dichloroethene	25	<	22
1,1-Dichloroethane	25	<	22
cis-1,2-Dichloroethene	25	<	22
1,1,1-Trichloroethene	25	<	22
1,2-Dichloroethane	25	<	22
Trichloroethene	25	<	22
Tetrachloroethene	25	<	22
Dibromofluorobenzene			**89.8%**
Toluene-D8			**103%**
4-Bromofluorobenzene			**90.2%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Rachel Cruse

Date: 10/5/06

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 43 2.5'
Date Collected: 09/22/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35510
Concentration: ug/kg, dry weight
Sample Weight (g): 9.73
Dilution Factor: 1
Solids, Total: 95.6%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	27
1,1-Dichloroethene	25	<	27
trans-1,2-Dichloroethene	25	<	27
1,1-Dichloroethane	25	<	27
cis-1,2-Dichloroethene	25	<	27
1,1,1-Trichloroethene	25	<	27
1,2-Dichloroethane	25	<	27
Trichloroethene	25	<	27
Tetrachloroethene	25	<	27
Dibromofluorobenzene			**120%**
Toluene-D8			**105%**
4-Bromofluorobenzene			**92.9%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Ouast
Date: 10/3/06

Summary of Test Results

Project Name:	Express Cleaners	Project Number:	BLU-2006-01
Project Location:	Brookfield, Wisconsin		
Sample Description:	44 2.5'		
Date Collected:	09/22/06		
Sample Type:	Soil		

Date Analyzed:	09/22/06	Lab Sample Number:	35511
Concentration:	ug/kg, dry weight		
Sample Weight (g):	11.01		
Dilution Factor:	1		
Solids, Total:	94.6%		

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	24
1,1-Dichloroethene	25	<	24
trans-1,2-Dichloroethene	25	<	24
1,1-Dichloroethane	25	<	24
cis-1,2-Dichloroethene	25	<	24
1,1,1-Trichloroethene	25	<	24
1,2-Dichloroethane	25	<	24
Trichloroethene	25	<	24
Tetrachloroethene	25	<	24
Dibromofluorobenzene			**128%**
Toluene-D8			**104%**
4-Bromofluorobenzene			**103%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: [signature]

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 45 7'
Date Collected: 09/22/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35512
Concentration: ug/kg, dry weight
Sample Weight (g): 10.38
Dilution Factor: 1
Solids, Total: 84.9%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	28
1,1-Dichloroethene	25	<	28
trans-1,2-Dichloroethene	25	<	28
1,1-Dichloroethane	25	<	28
cis-1,2-Dichloroethene	25	<	28
1,1,1-Trichloroethene	25	<	28
1,2-Dichloroethane	25	<	28
Trichloroethene	25	<	28
Tetrachloroethene	25	<	28
Dibromofluorobenzene			**118%**
Toluene-D8			**101%**
4-Bromofluorobenzene			**93.7%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Crum

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 46 2.5'
Date Collected: 09/22/06
Sample Type: Soil

Date Analyzed: 09/22/06
Lab Sample Number: 35513
Concentration: ug/kg, dry weight
Sample Weight (g): 11.67
Dilution Factor: 1
Solids, Total: 93.5%

	Reporting Limit		Sample Result
Vinyl Chloride	25	<	23
1,1-Dichloroethene	25	<	23
trans-1,2-Dichloroethene	25	<	23
1,1-Dichloroethane	25	<	23
cis-1,2-Dichloroethene	25	<	23
1,1,1-Trichloroethene	25	<	23
1,2-Dichloroethane	25	<	23
Trichloroethene	25	<	23
Tetrachloroethene	25	<	23
Dibromofluorobenzene			**125%**
Toluene-D8			**103%**
4-Bromofluorobenzene			**98.9%**

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Rachel Olmsted

Date: 10/3/06

1861.59

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY No. 011017 *

Page 1 of 1

Turn Around (circle one) Normal Rush
Report Due:

Project Number: BLM-2006-01	Mail Report To: Amy Haak
Project Name: Express Cleaners	Company: Alpha Terra Science
Project Location: Brookfield WI	Address: 1237 S Pilgrim Rd Plymouth WI 53073
Sampled By (Print): Amy Haak	

Invoice To: Jim Timmerman
Company: Bluemound Plaza
Address: C/O ATS
P.O. No.: Quote No.:

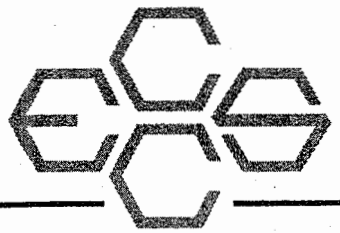
Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
38 2.5'	9/21/06	12:42	soil	2	1-A 1-F	CVOC		35505
39 ~~7'~~ ok ok	9/21/06	12:51	Soil	2	1-A 1-F	CVOC		35506
40 2.5'	9/21/06	1:01	soil	2	1-A 1-F	CVOC		35507
41 2.5'	9/21/06	1:06	soil	2	1-A 1-F	CVOC		35508
42 13.75	9/21/06	3:35	soil	2	1-A 1-F	CVOC		35509
43 2.5'	9/22/06	8:10	soil	2	1-A 1-F	CVOC		35510
44 2.5'	9/22/06	8:20	soil	2	1-A 1-F	CVOC		35511
45 7'	9/22/06	8:31	soil	2	1-A 1-F	CVOC		35512
46 2.5'	9/22/06	8:40	soil	2	1-A 1-F	CVOC		35513

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Amy Haak/Alpha Terra	Date/Time: 9/22/06 9:55	Received By: Cheyenne Ott	Date/Time: 9/22/06 9:55
Relinquished By:	Date/Time:	Received By: Kari-Ann Killian	Date/Time: 9/22/06 1000

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via: hand del.
Receipt Temp: on ice
Temp Blank Y N

WHITE - ORIGINAL YELLOW - LAB COPY PINK - SAMPLER'S COPY



October 4, 2006

Amy Haak
Alpha Terra Science
1237 S. Pilgrim Road
Plymouth, WI 53073

re: Express Cleaners/ Brookfield, Wisconsin / Project #BLU-2006-01

Dear Ms. Haak,

Enclosed you will find the analytical results for the samples collected September 25, 2006. Also note, the LC footnote states that there was a low CCV recovery for Vinyl Chloride. The lower control limit is 80% and the recovery was 73.2%. The data is still considered acceptable. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
kak/MJL

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs

Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 47 2.5'
Date Collected: 09/25/06
Sample Type: Soil

Date Analyzed: 09/25/06
Lab Sample Number: 35517
Concentration: ug/kg, dry weight
Sample Weight (g): 11.59
Dilution Factor: 1
Solids, Total: 95.0%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	23	**LC**
1,1-Dichloroethene	25	<	23	
trans-1,2-Dichloroethene	25	<	23	
1,1-Dichloroethane	25	<	23	
cis-1,2-Dichloroethene	25	<	23	
1,1,1-Trichloroethene	25	<	23	
1,2-Dichloroethane	25	<	23	
Trichloroethene	25	<	23	
Tetrachloroethene	25	<	23	
Dibromofluorobenzene			**103%**	
Toluene-D8			**99.9%**	
4-Bromofluorobenzene			**95.6%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Omen
Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 48 5.5'
Date Collected: 09/25/06
Sample Type: Soil

Date Analyzed: 09/25/06
Lab Sample Number: 35518
Concentration: ug/kg, dry weight
Sample Weight (g): 11.05
Dilution Factor: 1
Solids, Total: 83.4%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	27	**LC**
1,1-Dichloroethene	25	<	27	
trans-1,2-Dichloroethene	25	<	27	
1,1-Dichloroethane	25	<	27	
cis-1,2-Dichloroethene	25	<	27	
1,1,1-Trichloroethene	25	<	27	
1,2-Dichloroethane	25	<	27	
Trichloroethene	25	<	27	
Tetrachloroethene	25	<	27	
Dibromofluorobenzene			**103%**	
Toluene-D8			**97.6%**	
4-Bromofluorobenzene			**97.2%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Crowley

Date: 10/5/06

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 49 2.5'
Date Collected: 09/25/06
Sample Type: Soil

Date Analyzed: 09/25/06
Lab Sample Number: 35519
Concentration: ug/kg, dry weight
Sample Weight (g): 12.32
Dilution Factor: 1
Solids, Total: 94.6%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	21	**LC**
1,1-Dichloroethene	25	<	21	**M**
trans-1,2-Dichloroethene	25	<	21	**M**
1,1-Dichloroethane	25	<	21	**M**
cis-1,2-Dichloroethene	25	<	21	**M**
1,1,1-Trichloroethene	25	<	21	
1,2-Dichloroethane	25	<	21	
Trichloroethene	25	<	21	
Tetrachloroethene	25		**35**	
Dibromofluorobenzene			**103%**	
Toluene-D8			**97.9%**	
4-Bromofluorobenzene			**96.7%**	

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.
LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Owen
Date: 10/5/06

1861.60

Environmental Chemistry Consulting Services, Inc.

2526 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY No. 011012 *

Page 1 of 1

Turn Around (circle one) Normal (Rush)
Report Due:

Project Number: BLU-2006-01
Project Name: Express Cleaners
Project Location: Brookfield WI
Sampled By (Print): Heather Cleveland

Mail Report To: Amy Hozak
Company: Alpha Terra Science
Address: 1237 S. Pilgrim Rd
Plymouth WI 53073

Invoice To: Tim Timmerman
Company: Bluemound Plaza LLC
Address: c/o AGS

P.O. No.: Quote No.:

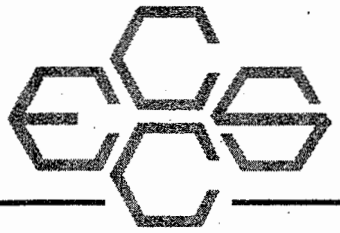
Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
A7 2.5'	9/25/06	13:30	soil	2	1-A 1-F	CVOC		35517
A8 5.5	9/25/06	13:35	soil	2	1-A 1-F	CVOC		35518
A9 2.5	9/25/06	13:25	soil	2	1-A 1-F	CVOC		35519

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
... other(indicate)

Relinquished By: Heather Cleveland
Date/Time: 9/25/06
Relinquished By:
Date/Time:
Intact/Not Intact Seal #'s

Received By: Cheyanne Vogt
Date/Time: 9/25/06
Received By: Kari-Ann Killian
Date/Time: 9/25/06 1500
Receipt Temp:
Temp Blank Y N on ice

WHITE - LABORATORY COPY PINK - SAMPLER/SUBMITTER



October 5, 2006

Amy Haak
Alpha Terra Science
1237 S. Pilgrim Road
Plymouth, WI 53073

re: Express Cleaners/ Brookfield, Wisconsin / Project #BLU-2006-01

Dear Ms. Haak,

Enclosed you will find the analytical results for the sample collected September 28, 2006. Also note, the LC footnote states that there was a low CCV recovery for Tetrachloroethene. The lower control limit is 80% and the recovery was 79.1%. The data is still considered acceptable. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
kak/RBO

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 50 2.5'
Date Collected: 09/28/06
Sample Type: Soil

Date Analyzed: 09/30/06
Lab Sample Number: 35894
Concentration: ug/kg, dry weight
Sample Weight (g): 11.00
Dilution Factor: 1
Solids, Total: 88.6%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	26	
1,1-Dichloroethene	25	<	26	
trans-1,2-Dichloroethene	25	<	26	
1,1-Dichloroethane	25	<	26	
cis-1,2-Dichloroethene	25	<	26	
1,1,1-Trichloroethene	25	<	26	
1,2-Dichloroethane	25	<	26	
Trichloroethene	25		**35**	**M**
Tetrachloroethene	25		**44**	**LC**
Dibromofluorobenzene			**104%**	
Toluene-D8			**112%**	
4-Bromofluorobenzene			**87.8%**	

M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Owen

Date: 10/3/06

1861.61

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 007595 *

Page 1 of 1

Turn Around (circle one) Normal (Rush — circled)

Report Due:

Project Number: BLU-2006-01	Mail Report To: Amy Haak
Project Name: Express Cleaners	Company: Alpha Terra
Project Location: Brookfield WI	Address: 1237 S Pilgrim
Sampled By (Print): Heather Cleveland	Plymouth WI 53073

Invoice To: Tim Timmerman
Company: Bluemound Plaza
Address: c/o ATS

P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
50 2.5'	9/28/06	14:55		2	1-None 1-MeOH	VOC		35894
———end———								

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By:	Date/Time:	Received By: Robert Church 09/29/06 4:20	Date/Time:
Relinquished By:	Date/Time:	Received By: Cheyenne 9/29/06 4:20	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Receipt Temp:

Shipped Via: Handdel.

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A [redacted] /

W[redacted] RE[redacted]OP[redacted]LLO[redacted]BO[redacted]Y C[redacted]PINK[redacted]PLE[redacted]MIT

October 4, 2006

Amy Haak
Alpha Terra Science
1237 S. Pilgrim Road
Plymouth, WI 53073

re: Express Cleaners/ Brookfield, Wisconsin / Project #BLU-2006-01

Dear Ms. Haak,

Enclosed you will find the analytical results for the samples collected September 25, 2006. Also note, the LC footnote states that there was a low CCV recovery for Vinyl Chloride. The lower control limit is 80% and the recovery was 67.3%. The data is still considered acceptable. Please feel free to call if you have any questions.

Sincerely,

Robert Osmundson
QA Manager

Enclosures
kak/MJL

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

8260 VOCs
Summary of Test Results

Project Name: Express Cleaners
Project Number: BLU-2006-01
Project Location: Brookfield, Wisconsin
Sample Description: 51 2.5'
Date Collected: 10/02/06
Sample Type: Soil

Date Analyzed: 10/02/06
Lab Sample Number: 36173
Concentration: ug/kg, dry weight
Sample Weight (g): 10.68
Dilution Factor: 1
Solids, Total: 94.4%

	Reporting Limit		Sample Result	
Vinyl Chloride	25	<	25	**LC**
1,1-Dichloroethene	25	<	25	**M**
trans-1,2-Dichloroethene	25	<	25	
1,1-Dichloroethane	25	<	25	
cis-1,2-Dichloroethene	25	<	25	
1,1,1-Trichloroethene	25	<	25	
1,2-Dichloroethane	25	<	25	
Trichloroethene	25	<	25	
Tetrachloroethene	25	<	25	
Dibromofluorobenzene			**95.5%**	
Toluene-D8			**86.3%**	
4-Bromofluorobenzene			**90.9%**	

LC = Results maybe biased low due to continuing calibration verification (CCV) not within control limits.
M = Matrix Spike and/or Matrix Spike Duplicate recovery was outside acceptance limits.

Method Reference: Modified 8260

WI Lab Certification #113289110

E.C.C.S.
2525 Advance Road
Madison, WI 53718
Phone: (608)221-8700
Fax: (608)221-4889

Approved by: Robert Oswald
Date: 10/5/06

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

1861.62

No. 011181 *

Page 1 of 1

Turn Around (circle one) Normal (Rush)
Report Due: ASAP

Project Number: BLU 2006-01
Project Name: Express Cleaners
Project Location: Brookfield, WI
Sampled By (Print): Heather Cleveland

Mail Report To: Amy Haak
Company: Alpha Terra Science
Address: 1237 S Plymouth Road
Plymouth, WI

Invoice To:
Company: Same as previous COCs
Address:

P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
S1 2.5'	10/2/06	15:25	Soil	2	1-None 1-MeOH	VOC		36173
— end —								

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Date/Time:
Relinquished By: Date/Time:

Received By: Date/Time: 10-2-06 1700
Received By: Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via: hand delivered

Receipt Temp: once
Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - FILE COPY

Photo 1: Walls between the tenant suites were removed (in this case between Suites 8 and 10) as necessary to access contaminated soil for excavation purposes. View to the east southeast.

Photo 2: Soil was excavated using a mini-excavator and bobcat. View to the south (back).

Photo 3: A hole was cut in the back of the building, and concrete blocks used to make an elevated platform, so the soil could be located by the bobcat into trucks.

Photo 4: It was necessary to excavate around utility lines with a shovel. The water and sanitary sewer piping from the bathroom (SW corner) connects to the main water and sewer lines.

Photo 5: Excavation was conducted around the sanitary sewer and water lines in many locations. The orange flag in the background, behind the utility lines, marks a soil sample location. View to the southeast.

Photo 6: Orange flags were used to mark soil sample locations. Viewto the southwest.

Photo 7: In some cases excavaton extended all the way to the concrete block foundation, exposing insulation. View to the north (front of building).

Photo 8: The excavation was backfilled with limestone screenings in lifts, and compacted. View to northeast.

Veolia ES Emerald Park Landfill, LLC.

VEOLIA ENVIRONMENTAL SERVICES

W124 S10629 S. 124th St.
Muskego, WI 53150
Phone: (414) 529-1360
Fax: (414) 529-1478

INVOICE

TO:

Bluemound Plaza
P O Box 61
Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	1
DATE	Sep-25 06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798347 0	24.99 TN	$449.82
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798351 0	23.14 TN	$416.52
14 Sep	C1	37A C Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798408 0	24.22 TN	$435.96
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W Bluemound R	$18.00 F1 - 798418 0	23.33 TN	$419.94
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798471 0	22.92 TN	$412.56
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W Bluemound R	$18.00 F1 - 798489 0	23.99 TN	$431.82
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798551 0	23.30 TN	$419.40
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W Bluemound R	$18.00 F1 798562 0	23.06 TN	$415.08
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W Bluemound R	$18.00 F1 - 798608 0	24.08 TN	$433.44

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VEOLIA ENVIRONMENTAL SERVICES

INVOICE

TO:

Bluemound Plaza
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INVOICE NO.	009633
PAGE	2
DATE	Sep-25-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.		AMOUNT
14 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798618	0 23.46	TN	$422.28
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798649	0 25.19	TN	$453.42
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798659	0 23.08	TN	$415.44
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798695	0 23.95	TN	$431.10
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798707	0 23.33	TN	$419.94
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798739	0 22.10	TN	$397.80
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798752	0 22.82	TN	$410.76
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798800	0 23.32	TN	$419.76
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 798813	0 22.51	TN	$405.18

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Veolia ES Emerald Park Landfill, LLC.

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INVOICE

TO

Bluemound Plaza
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Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	3
DATE	Sep-25-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.		AMOUNT
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 798849	0 23.63	TN	$425.34
15 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 798866	0 23.48	TN	$422.64
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 799329	0 24.42	TN	$439.56
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799352	0 24.07	TN	$433.26
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 799396	0 22.73	TN	$409.14
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 799445	0 26.01	TN	$468.18
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799459	0 25.27	TN	$454.86
19 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator. 19555 W. Bluemound R	$18.00 F1 - 799514	0 25.01	TN	$450.18
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799562	0 25.60	TN	$460.80

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Veolia ES Emerald Park Landfill, LLC.

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Fax: (414) 529-1478

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Veolia ES Emerald Park Landfill, LLC.

VEOLIA ENVIRONMENTAL SERVICES

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Fax: (414) 529-1478

INVOICE

TO

Bluemound Plaza
P.O. Box 61
Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	4
DATE	Sep-26-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W Bluemound R	$18.00 F1 - 799613 0	24.88 TN	$447 84
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799671 0	24.79 TN	$446 22
20 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799747 0	24.80 TN	$446 40
20 Sep	C1	37A C-Soil,Non Pet Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799801 0	24.78 TN	$446.04
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 799923 0	25.86 TN	$465 48
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800013 0	25.68 TN	$462 24
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800085 0	24.23 TN	$436 14
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800165 0	23.38 TN	$420.84
21 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800248 0	23.50 TN	$423.00

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Account Status

TOTAL THIS INVOICE

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS

PLEASE PAY THIS AMOUNT

We reserve the right to suspend service without notice on any past due account.

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REFERENCE NO.	

Veolia ES Emerald Park Landfill, LLC.

W124 S10629 S. 124th St.
Muskego, WI 53150
Tel: (414) 529-1360
Fax: (414) 529-1478

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS Prompt payment of your account is appreciated.
Thank you Veolia ES Emerald Park Landfill, LLC.

Veolia ES Emerald Park Landfill, LLC.

VEOLIA ENVIRONMENTAL SERVICES

W124 S10629 S. 124th St.
Muskego, WI 53150
Phone: (414) 529-1360
Fax: (414) 529-1478

INVOICE

TO

Bluemound Plaza
P O Box 61
Elm Grove, WI 53122

INVOICE NO.	009633
PAGE	5
DATE	Sep-25-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
22 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800353	0 23.91 TN	$430.38
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800615	0 24.81 TN	$446.58
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800690	0 25.56 TN	$460.08
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800778	0 20.35 TN	$366.30
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800876	0 25.39 TN	$457.02
25 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 800993	0 25.21 TN	$453.78

Account Status

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
$18,182.52	$0.00	$0.00	$0.00

TOTAL THIS INVOICE $18,182.52

PLEASE PAY THIS AMOUNT $18,182.52

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.	009633
PAGE	5
DATE	Sep-25-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

Veolia ES Emerald Park Landfill, LLC.

W124 S10629 S. 124th St.
Muskego, WI 53150
Tel: (414) 529-1360
Fax: (414) 529-1478

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS Prompt payment of your account is appreciated
Thank you. Veolia ES Emerald Park Landfill, LLC

Veolia ES Emerald Park Landfill, LLC.

VEOLIA ENVIRONMENTAL SERVICES

W124 S10629 S. 124th St.
Muskego, WI 53150
Phone: (414) 529-1360
Fax: (414) 529-1478

INVOICE

TO

Bluemound Plaza
P.O. Box 61
Elm Grove, WI 53122

INVOICE NO.	009700
PAGE	1
DATE	Oct-10-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
26 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801105	0 25.77 TN	$463.86
26 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801175	0 22.54 TN	$405.72
26 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801266	0 25.36 TN	$456.48
26 Sep	C1	37A C-Soil,Non Pet Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801393	0 24.16 TN	$434.88
27 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801741	0 28.96 TN	$521.28
27 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 801764	0 23.07 TN	$415.26
28 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 801882	0 25.66 TN	$461.88
28 Sep	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 - 802037	0 23.14 TN	$416.52
03 Oct	C1	37A C-Soil,Non Pet-Remediated Contract: EPL2006-164 Generator: 19555 W. Bluemound R	$18.00 F1 802022	0 16.77 TN	$301.86

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
Payments received after invoice date are not reflected.
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

TOTAL THIS INVOICE

Account Status

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS

PLEASE PAY THIS AMOUNT

We reserve the right to suspend service without notice on any past due account.

Please remit to:

Veolia ES Emerald Park Landfill, LLC.
W124 S10629 S. 124th St.
Muskego, WI 53150
Tel: (414) 529-1360
Fax: (414) 529-1478

INVOICE NO.
PAGE
DATE
CUSTOMER NO.
SITE NO.
REFERENCE NO.

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS: Prompt payment of your account is appreciated.
Thank you Veolia ES Emerald Park Landfill, LLC

VEOLIA
ENVIRONMENTAL SERVICES

Veolia ES Emerald Park Landfill, LLC.
W124 S10629 S. 124th St.
Muskego, WI 53150
Phone: (414) 529-1360
Fax: (414) 529-1478

INVOICE

TO:

Bluemound Plaza
P O Box 61
Elm Grove, WI 53122

C

INVOICE NO.	009700
PAGE	2
DATE	Oct-10-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 30 days from date of invoice.
Payments received after invoice date are not reflected
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment

Account Status

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
$22,060.26	$0.00	$0.00	$0.00

TOTAL THIS INVOICE $3,877.74

PLEASE PAY THIS AMOUNT $22,060.26

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.	009700
PAGE	2
DATE	Oct-10-06
CUSTOMER NO.	000841
SITE NO.	0000
REFERENCE NO.	EPL2006-164

Veolia ES Emerald Park Landfill, LLC.

W124 S10629 S. 124th St.
Muskego, WI 53150
Tel: (414) 529-1360
Fax: (414) 529-1478

AMOUNT OF REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REMARKS: Prompt payment of your account is appreciated.
Thank you. Veolia ES Emerald Park Landfill, LLC

1255.57 tons

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Waukesha Service Center
141 NW Barstow St.
Room 180
Waukesha, Wisconsin 53188
Telephone 262-574-2100
FAX 262-574-2117

September 11, 2006

Timothy H. Timmerman
Bluemound Plaza, LLC.
P. O. Box 61
Elm Grove, WI 53122

FID # 268506040
BRRTS # 02-68-544712

Subject: Review of Waste Determination
Former Express Cleaners
19555 W. Bluemound Road
Brookfield, WI.

Dear Mr. Timmerman:

The Wisconsin Department of Natural Resources (Department) has reviewed the "Classification of Soil as Non-Hazardous Waste" submitted by your consultant on September 7, 2006. The Department concurs with your conclusion that the soils on site be considered a solid waste based on a contained out determination.

The Department understands that soil removal activities will occur this week on site. Provide a summary report of the soil removal to the Department within 60 days after completion as required in NR 724.15.

The WDNR reserves the right to require additional work, both on and off of the facility property, if the site investigation and remediation proves insufficient. If you have any questions regarding this letter, please contact me at 262-574-2146.

Sincerely,

Mark Drews, P.G.
Hydrogeologist
Bureau for Remediation & Redevelopment

Cc: Ken Ebbott, Alpha Terra Science, 1237 S. Pilgrim Rd., Plymouth, WI 53073
SER File

ALPHA TERRA
SCIENCE

September 7, 2006

Alpha Terra Science, Inc.
1237 S. Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
Website: www.alphaterra.net
E-mail: alphaterra@alphaterra.net

Mr. Mark Drews
Wisconsin Dept. of Natural Resources
141 NW Barstow
Waukesha, WI 53188

RE: Classification of Soil as Non-Hazardous Waste, Former Express Cleaners, 19555 W. Bluemound Rd, Brookfield, WI; WDNR File Reference # 02-68-544712; FID #: 268506040

Dear Mr. Drews,

The Bluemound Plaza complex referenced above has completed investigation activities related to detected drycleaning contamination in the soil and groundwater. A new tenant is scheduled to move into the former drycleaning space, and the owner, Bluemound Plaza, LLC, wants to expedite the remedial action so the tenant can occupy the space. The tenant runs a seasonal business (Halloween) and needs to get into the store shortly.

Due to the relatively small volume and low levels of soil contamination, Alpha Terra Science plans to excavate the soil beneath the building and discard the soil at the Emerald Park Landfill in Muskego. This work is scheduled for completion next week.

Funds from the drycleaning fund are not being pursued, and approval of the budget and approach has not been sought from the WDNR. A Work Plan for the site investigation was sent to you on project initiation. We plan to obtain confirmation soil samples from the excavation perimeter and present a documentation report and closure request after completion of the remedial action.

The tetrachloroethene (PCE) contamination in the soil originated from a former drycleaning operation, and as a result, when excavated it would be considered a "listed hazardous waste". In order for the landfill to accept this material for disposal, the soil needs to be delisted, and a letter of concurrence from the WDNR needs to be obtained. **I am seeking that letter of concurrence from you on an expedited basis.**

There are two criteria that must be addressed, based on the USEPA October 1998 memorandum on Management of Remediation Waste under RCRA. This states that "EPA considers contaminated environmental media to no longer contain hazardous waste: (1) when they no longer exhibit a characteristic of hazardous waste, and (2) when concentrations of hazardous constituents from listed hazardous wastes are below health-based levels."

The soil at the Bluemound Plaza site meets these two criteria. For the characteristic determination, there is simply no high concentration of PCE present at the site that would result

in classification as a characteristically hazardous waste. During the investigation, there have been 24 soil samples obtained from the site, many in locations adjacent to the former drycleaning machine where contamination is typically highest (Table 1, Figure 1). PCE is the only drycleaning solvent detected, there have been no detections of trichloroethene or vinyl chloride in the soil.

The maximum concentration of PCE present in the soil is only 1.1 mg/kg (ppm). The generally accepted criteria for determining whether soil is characteristically hazardous is the TCLP test, and the limit for defining whether soil is hazardous for PCE is a level of 0.7 mg/l in the leachate extract from the soil that is run through the TCLP extraction process. Because there is a 20 times dilution during this extraction process, if the maximum soil concentration is less than 20 times the TCLP limit (less than 14 mg/kg), it is accepted that the soil will not leach at levels above the TCLP limits, and the soil is considered not characteristically hazardous. Based on the low concentration of PCE in all soil at the site

Due to the low levels of PCE in the soil, the soil is not characteristically hazardous.

The second criteria requires that the level of hazardous constituents be below health-based levels. The WDNR has established health-based limits for PCE as 33 mg/kg (ppm), as shown on the attached article from the WDNR RE-NEWS publication from December 2005.

The soil at the Bluemound Plaza site meets both criteria for delisting, and should be considered a solid waste for disposal purposes.

Please prepare a brief letter of concurrence that supports this conclusion, and provide it to Alpha Terra Science via e-mail. We need this letter to allow Emerald Park Landfill to approve the waste before the excavation begins next week.

I appreciate your help on this matter, and if you have any questions or comments, please do not hesitate to call.

Sincerely,

Kendrick Ebbott, P. G.
Director of Remediation Services

Attachments: Table 1: Soil Chemistry Results
Figure 1: Soil Chemistry Results
WDNR ReNews December 2005 Article

Drews, Mark D

From: Ken Ebbott [KenEbbott@alphaterra.net]
Sent: Thursday, September 07, 2006 9:11 AM
To: Drews, Mark D
Subject: Bluemound Plaza Urgent Need for Letter of Concurrence

Attachments: Soil Chem Figure for WDNR.pdf; Contained out letter to WDNR.pdf

Soil Chem Figure for WDNR.pdf ... Contained out letter to WDNR.p...

Mark,

Sorry to lay this on you with short notice.

We need a letter of concurrence that the soil at the Bluemound Plaza, when dug, will not be hazardous waste. The landfill requires this letter before they will initiate their approval process, and the dig is supposed to begin next week.

Attached is a letter that explains it all.

The contaminant levels are low (max 1100 ug/kg PCE), so I don't think there is any issue with the soil being characteristically hazardous, or providing any risk via direct contact, the two criteria that need to be met for exemption from the haz waste rules.

If you can provide a letter today and e-mail it to me, that would be much appreciated.

Thanks,

Ken Ebbott
Alpha Terra
Kenebbott@alphaterra.net

920 892-2444

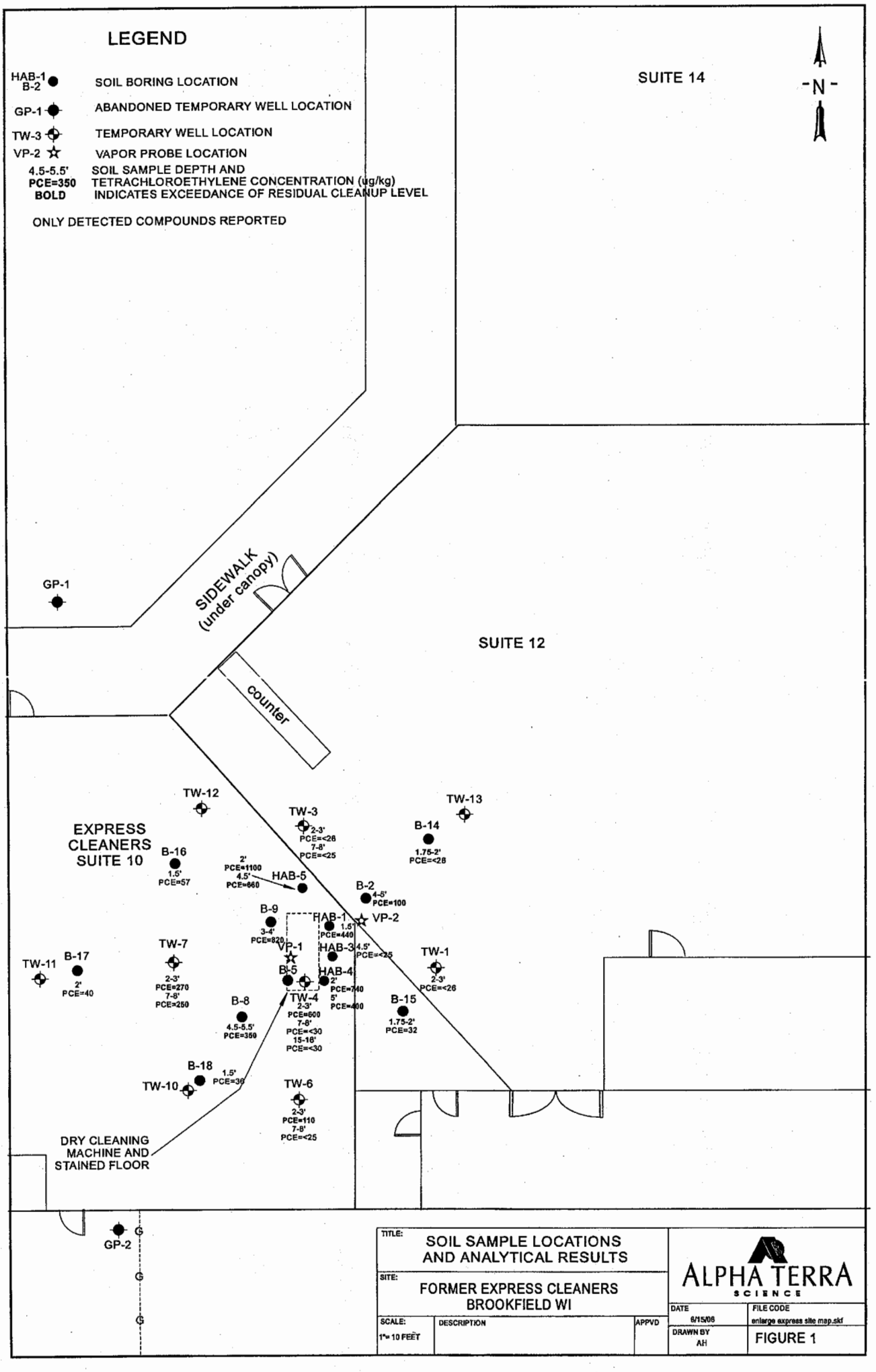
LEGEND
HAB-1 B-2 SOIL BORING LOCATION
GP-1 ABANDONED TEMPORARY WELL LOCATION
TW-3 TEMPORARY WELL LOCATION
VP-2 VAPOR PROBE LOCATION
4.5-5.5' SOIL SAMPLE DEPTH AND
PCE=350 TETRACHLOROETHYLENE CONCENTRATION (ug/kg)
BOLD INDICATES EXCEEDANCE OF RESIDUAL CLEANUP LEVEL
ONLY DETECTED COMPOUNDS REPORTED
SUITE 14
-N-
GP-1
SIDEWALK (under canopy)
SUITE 12
counter
EXPRESS CLEANERS SUITE 10
TW-12
TW-3
2-3' PCE=<26
7-8' PCE=<25
TW-13
B-14
1.75-2' PCE=<26
B-16
1.5' PCE=57
2' PCE=1100
4.5' PCE=660
HAB-5
B-2
4-5' PCE=100
B-9
3-4' PCE=820
HAB-1
1.5' PCE=440
VP-2
VP-1
HAB-3
4.5' PCE=<25
TW-7
2-3' PCE=270
7-8' PCE=250
TW-11
B-17
2' PCE=40
B-5
HAB-4
2' PCE=740
5' PCE=400
TW-4
2-3' PCE=600
7-8' PCE=<30
15-18' PCE=<30
TW-1
2-3' PCE=<26
B-8
4.5-5.5' PCE=350
B-15
1.75-2' PCE=32
B-18
1.5' PCE=36
TW-10
TW-6
2-3' PCE=110
7-8' PCE=<25
DRY CLEANING MACHINE AND STAINED FLOOR
GP-2
TITLE: SOIL SAMPLE LOCATIONS AND ANALYTICAL RESULTS
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI
SCALE: 1"= 10 FEET
DESCRIPTION
APPVD
ALPHA TERRA SCIENCE
DATE 6/15/06
FILE CODE enlarge express site map.skf
DRAWN BY AH
FIGURE 1

TABLE 1
SOIL ANALYTICAL RESULTS - CHLORINATED VOLATILE ORGANIC COMPOUNDS
Former Express Cleaners, Brookfield, WI

Sample ID	Depth (feet)	PID Reading (su)	Analytical Parameter: cis-1,2-DCE c-DCE (ug/kg)	trans-1,2-DCE t-DCE (ug/kg)	Tetrachloroethene PCE (ug/kg)	Trichloroethene TCE (ug/kg)	Vinyl Chloride VC (ug/kg)	Other Compounds Detected? (ug/kg)
PHASE II SAMPLES COLLECTED NOVEMBER 21, 2005								
HAB-1	1.5'	ND	<25	<25	**440**	<25	<25	ND
PHASE II SAMPLES COLLECTED DECEMBER 5, 2005								
HAB-3	4.5'	ND	<25	<25	<25	<25	<25	ND
HAB-4	2'	ND	<25	<25	**740**	<25	<25	ND
HAB-4	5'	ND	<25	<25	**400**	<25	<25	ND
HAB-5	2'	ND	<25	<25	**1100**	<25	<25	ND
HAB-5	4.5'	ND	<25	<25	**660**	<25	<25	ND
SITE INVESTIGATION SAMPLES COLLECTED JUNE 21, 2006								
TW-1	2-3'		<26	<26	<26	<26	<26	Methylene Chloride= 80
B-2	4-5'		<27	<27	**100**	<27	<27	ND
TW-3	2-3'		<26	<26	<26	<26	<26	Methylene Chloride= 40
TW-3	7-8'		<25	<25	<25	<25	<25	ND
TW-4	2-3'		<27	<27	**600**	<27	<27	ND
TW-4	7-8'		<30	<30	<30	<30	<30	ND
TW-4	15-16'		<30	<30	<30	<30	<30	ND
TW-6	2-3'		<25	<25	**110**	<25	<25	ND
TW-6	7-8'		<25	<25	<25	<25	<25	Methylene Chloride= 43
TW-7	2-3'		<25	<25	**270**	<25	<25	ND
TW-7	6.5-7.5		<25	<25	**250**	<25	<25	ND
B-8	4.5-5.5'		<25	<25	**350**	<25	<25	ND
B-9	3-4'		<25	<25	**820**	<25	<25	ND
SITE INVESTIGATION SAMPLES COLLECTED AUGUST 25, 2006								
B-14	1.75-2'		<26	<26	<26	<26	<26	ND
B-15	1.75-2'		<26	<26	57	<26	<26	ND
B-16	1.5'		<25	<25	32	<25	<25	ND
B-17	2'		<25	<25	40	<25	<25	ND
B-18	1.5'		<25	<25	36	<25	<25	ND
MeOH Blank			<25	<25	<25	<25	<25	ND
RR-682 Residual Contaminant Levels (leach to GW)			27	98	4.1	3.7	0.1	
RR-682 Soil Saturation Levels (free product)			1,300,000		240,000	1,300,000	1,200,000	
RR-682 SSL Inhalation Volatiles - Non-Industrial Site					19,000	850	52	

Notes: *ND= Not detected* *NS = No standard established* *NC= Standard not calculated*
BOLD *indicates exceedance of residual contaminant level for migration to groundwater.*
indicates exceedance of Soil Saturation Level.

WDNR RE NEWS
12-2005

Hazardous Waste "Contained-out" Decisions and Soil Cleanups

The applicability of federal hazardous waste rules to the cleanup of contaminated soil and groundwater in Wisconsin has received considerable attention by DNR over the last five years. Several years ago, the DNR's RR and Waste programs issued *Guidance for Hazardous Waste Remediation*, which provides information on the requirements and options available when dealing with the cleanup and redevelopment at sites that may be contaminated with hazardous waste (the guidance is available on the web at http://dnr.wi.gov/org/aw/rr/archives/pubs/RR705.pdf).

One of the most useful tools in the guidance is the concept of "contained-out". Normally, EPA interprets its rules such that environmental media containing a regulated hazardous waste must be handled as a hazardous waste. However, the "contained-out" concept allows media contaminated with a hazardous waste or a commercial chemical product (such as perchlorethylene) to be managed as a solid waste, but only if the concentrations are below health based levels.

When DNR provided training on *Guidance for Hazardous Waste Remediation*, the informational materials included specific contained-out values for tri TCE, Perchlorethylene (PCE) and vinyl chloride. Since that time, however, EPA has revised its toxicity values for both TCE and PCE, and as a result those using EPA's web calculator to derive a contained-out value for these two compounds will obtain results significantly lower than the numbers DNR provided. Because of this revision, for the last several months there have been a number of questions raised about the appropriate "contained-out" values for these compounds.

Three Tiers

The EPA uses a three-tiered hierarchy for determining human health toxicity. Tier 1, the most rigorous process, uses the Integrated Risk Information System (IRIS) to evaluate human health effects from exposure to various compounds. The second tier is referred to as Provisional Peer Reviewed Toxicity Values (PPRTV's), which was the method used by EPA to modify the toxicity values for TCE and PCE.

The DNR has some flexibility in determining how to make "contained-out" determinations, and therefore until further notice, the numbers provided in our training materials may still be used when making "contained-out" determinations for contaminated soil in Wisconsin.

Those concentration levels are as follows:

- TCE – 14 ppm;
- PCE – 33 ppm; and
- vinyl chloride – 0.87 ppm.

Continuing to use these values will yield a consistent statewide approach and reduce the time spent preparing and evaluating "contained-out" determinations for these contaminants. In addition, it will provide DNR staff time to further evaluate EPA's three-tiered process for establishing toxicity values and determine how, if at all, the process affects our hazardous waste regulatory decisions. If the DNR needs to modify our Wisconsin "contained-out" values in the future, we will provide a follow-up announcement in our listserve, Re News, and the Internet.

The "contained-out" option addresses contamination from releases of hazardous wastes or commercial chemical products. However, contaminated media can also be considered a hazardous waste if it exhibits the characteristic of ignitability, reactivity, corrosivity, or toxicity. The characteristic most likely to apply to contaminated soil is toxicity, which is determined by the Toxicity Characteristic Leaching Procedure (TCLP) test. Please see s. NR 605.08, Wis. Adm. Code, for additional details.

If you have questions regarding this information, please contact Mark Gordon at 608-266-7278 or mark.gordon@dnr.state.wi.us.

Letter of Transmittal

From: Name: Amy Haak
Company: Alpha Terra Science
Address: 1237 S Pilgrim Rd
Plymouth WI 53073
Phone: 920 892-2444
Date: 7/28/06

RECEIVED
JUL 31 2006
BY: VS

Site Name: Express Cleaners (former)
Site Address: 19555 W. Bluemound Rd
Suite #10, Brookfield WI
FID #: 268506040
BRRTS #: 02-68-544712

To: Wisconsin Department of Natural Resources
Southeast Region - Headquarters Office
P.O. Box 12436
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212
Attn: Remediation and Redevelopment Program

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. Be sure to include the FID and BRRTS numbers which have been assigned to the site, and identify the **intent** of the document(s) you are submitting in order to speed processing.

__LUST X ERP __Spill __ACT 453 Purchaser Liability^ __ACT 453 Municipal^
__Other (describe)_____

✓ CHECK	PURPOSE OF DOCUMENT/REPORT:	DNR CODE
	Notification of Release	01^
	Tank Closure/Site Assessment *where release(s) have been detected* *	33
X	Site Investigation Workplan	35
	Site Investigation Report __groundwater impacts __no groundwater impacts	37 76^
	Off-Site Determination Request	90
	Remedial Action Plan	39
	Site Specific Clean-Up Goal Proposal	90
	NR 718 Landspreading Request	61
	Copy of Notification to Treat or Dispose of Contaminated Soil or Water	99
	Injection/Infiltration Request	63
	Quarterly Report or Update	43
	O & M Form 4400-194	92
	Remedial Action Report	41
	Closure Review Request	79^
	Simple Site Closure Report *using NR700.11 process*	79^
	Copy of Draft Deed Affidavit or Restriction required for close-out	51/52
	Well Abandonment Form	99
	PECFA Form 4-B (for completed remediation only)	44
X	Other (please describe): Status Report / Additional Work Scope	90/99^

* "Clean" closures should be sent directly to the DNR Remediation and Redevelopment Program, P.O. Box 7921, Madison, WI 53707 attn: Julie Weber

Remarks: Mark Drews is Project Manager

ALPHA TERRA
SCIENCE

July 27, 2006

Alpha Terra Science, Inc.
1237 S. Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
Website: www.alphaterra.net
E-mail: alphaterra@alphaterra.net

Mr. Tim Timmerman
Bluemound Plaza, LLC
P. O. Box 61
Elm Grove, WI 53122

RE: Initial Investigative Results and Additional Work Scope for Former Express Cleaners,
19555 W. Bluemound Road, Brookfield DNR BRRTS #: 02-68-544712

Dear Mr. Timmerman:

As we have discussed on the phone, Alpha Terra Science has received both soil and groundwater analytical results from the initial drilling activities conducted at the Former Express Cleaners. I'd like to present the information in a more formal manner so decisions can be made regarding the next phase of the project.

Drilling Activities Conducted To Date

Suite 10 in Bluemound Plaza formerly housed the Express Cleaners. The drycleaning machine was located near the east wall of the suite and soil sampling conducted as part of a Phase II Environmental Site Assessment revealed a release of tetrachloroethylene (PCE) to the environment had occurred. In an attempt to define the extent of soil and groundwater contamination related to drycleaning activities, installation of borings and small diameter monitoring wells was proposed.

Using a direct-push rig, drilling and well installation was conducted on June 21, 2006 (Figure 1). Two small-diameter monitoring wells and one boring were installed in Suite 12 to evaluate PCE migration to the north and east of the release location. Two additional borings and three small-diameter monitoring wells were installed in Suite 10. Two attempts were made to install a piezometer so a deeper groundwater sample could be obtained, but drilling refusal occurred before adequate depths could be reached.

Soil Sample Results

Soil samples collected during drilling TW-1 and TW-3 did not contain detectable amounts of PCE; however, PCE was detected at a concentration of 100 ug/kg a depth of 4-5 feet in boring

B-2 (Figure 2). The soil cleanup standard for PCE is 4.1 ug/kg, so additional sampling will be needed to the northeast of B-2 to define the extent of contamination in this direction.

As would be expected, soil samples collected from borings closer to the former drycleaning machine location had the highest PCE concentrations (TW-4 and B-9), and levels decreased with distance from the machine (TW-6, TW-7, B-8) (Figure 2). In most cases, the contamination is confined to the upper 7 feet of soil. Since all soil samples collected from within Suite 10 contained elevated PCE concentrations, additional sampling will be necessary to define the extent of contamination in the soil to the west and south.

With the exception of methylene chloride, a common laboratory contaminant, PCE was the only contaminant detected in any of the soil samples. Trichloroethylene (TCE), cis-1,2 dichloroethylene (c-DCE) and vinyl chloride (VC), breakdown or daughter products of PCE, were not present in any of the soil samples.

Groundwater Sample Results

The water table elevation was measured at each well location and groundwater flow is to the west. PCE was detected in water samples from three wells, TW-1, TW-4 and TW-7 at concentrations of 0.49, 0.55 and 13 ug/l respectively (Figure 3). The PCE enforcement standard (ES), or concentration at which cleanup is required, is 5 ug/l.

The highest PCE concentration was not in the sample from well TW-4, located underneath the former drycleaning machine, but was in water from well TW-7, west of the machine location. It appears as if upon reaching the water table the contaminants migrated downgradient, along the natural flow path of the water. The approximate extent of contaminated groundwater is shown on Figure 3; without installation of additional monitoring wells the extent cannot be accurately defined to the west and south.

Daughter products TCE and c-DCE were detected in the groundwater sample from well TW-7, but only TCE was present at a concentration above its ES. These PCE breakdown products were not detected in any of the other groundwater samples.

Additional Work Scope

The fundamental purpose of the site investigation is to define the degree and extent of contamination as a result of a release to the environment. Until this goal is achieved, the overall threat to human health and the environment cannot be ascertained, nor can a path to cleanup and site closure be laid.

At this time we propose installation of four additional small-diameter monitoring wells so the extent of impacted soil and groundwater can be more accurately defined (Figure 4). One well will be located northeast of boring B-2 to define the extent of contamination in that direction. The remaining three wells will be installed north, south, and west of well TW-7. Two to three soil samples will be collected at each boring location as necessary to define the vertical and horizontal extents of soil contamination. Water samples will be collected from each well to

evaluate groundwater conditions. The cost to complete this work is estimated to be $5,818.00; a detailed cost breakout is included as Table 1.

I know you have a perspective tenant lined up and would like the investigation and subsequent cleanup of the site completed as soon as possible. We are prepared to complete drilling and sampling activities on August 7, 2006, if your approval is obtained in a timely manner.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Amy Haak

Amy Haak, P. G.
Geologist

attachments

f:_pen\bluemound plaza llc\blu-2006-01\correspondence\initial results and scope.doc

cc: Mark Drews, DNR

LEGEND

HAB-1 / B-2 — SOIL BORING LOCATION

GP-1 — ABANDONED TEMPORARY WELL LOCATION

TW-3 — TEMPORARY WELL LOCATION

VP-2 — VAPOR PROBE LOCATION

SUITE 14

N

SIDEWALK (under canopy)

GP-1

SUITE 12

EXPRESS CLEANERS SUITE 10

TW-3

HAB-5

B-2

B-9

HAB-1

VP-2

VP-1

HAB-3

TW-7

B-5

HAB-4

TW-1

TW-4

B-8

TW-6

DRY CLEANING MACHINE AND STAINED FLOOR

GP-2

TITLE: SITE MAP WITH SAMPLING LOCATIONS		ALPHA TERRA SCIENCE
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI		
SCALE: 1"= 10 FEET	DESCRIPTION	APPVD
DATE 6/15/06	FILE CODE express site map.skf	
DRAWN BY AH	FIGURE 1	

LEGEND

HAB-1 / B-2 — SOIL BORING LOCATION

GP-1 — ABANDONED TEMPORARY WELL LOCATION

TW-3 — TEMPORARY WELL LOCATION

VP-2 — VAPOR PROBE LOCATION

4.5-5.5' — SOIL SAMPLE DEPTH AND
PCE=350 — TETRACHLOROETHYLENE CONCENTRATION (ug/kg)
BOLD — INDICATES EXCEEDANCE OF RESIDUAL CLEANUP LEVEL

ONLY DETECTED COMPOUNDS REPORTED

N

SUITE 14

SUITE 12

SIDEWALK (under canopy)

GP-1

EXPRESS CLEANERS SUITE 10

TW-3
2-3'
PCE=<26
7-8'
PCE=<25

2'
PCE=1100
4.5'
PCE=660
HAB-5

B-2
4-5'
PCE=100

B-9
3-4'
PCE=820

HAB-1
1.5'
PCE=440
VP-2

VP-1

HAB-3
4.5'
PCE=<25

TW-1
2-3'
PCE=<26

TW-7
2-3'
PCE=270
7-8'
PCE=250

B-5

HAB-4
2'
PCE=740
5'
PCE=400

B-8
4.5-5.5'
PCE=350

TW-4
2-3'
PCE=600
7-8'
PCE=<30
15-16'
PCE=<30

TW-6
2-3'
PCE=110
7-8'
PCE=<25

DRY CLEANING MACHINE AND STAINED FLOOR

GP-2

TITLE: SOIL SAMPLE LOCATIONS AND ANALYTICAL RESULTS		ALPHA TERRA SCIENCE
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI		
SCALE: 1"= 10 FEET	DESCRIPTION / APPVD	DATE 6/15/06 — FILE CODE express site map.skf
		DRAWN BY AH — FIGURE 2

LEGEND

SOIL BORING LOCATION

ABANDONED TEMPORARY WELL LOCATION

TW-3 TEMPORARY WELL LOCATION

PCE=35 TETRACHLOROETHYLENE CONCENTRATION (ug/l)
TCE=5 TRICHLOROETHYLENE CONCENTRATION (ug/l)
c-DCE=10 CIS-1,2 DICHLOROETHYLENE CONCENTRATION (ug/l)
BOLD INDICATES EXCEEDANCE OF NR 141 PAL

ONLY DETECTED COMPOUNDS REPORTED

SUITE 14

-N-

SIDEWALK
(under canopy)

SUITE 12

INFERRED EXTENT OF
PERC-IMPACTED GROUNDWATER
ABOVE STANDARDS

EXPRESS
CLEANERS
SUITE 10

TW-3
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

?

?

?

?

TW-7
PCE=13
TCE=10
C-DCE=13

TW-4
PCE=0.55
TCE=<0.48
C-DCE=<0.83

TW-1
PCE=0.49
TCE=<0.48
C-DCE=<0.83

TW-6
PCE=<0.45
TCE=<0.48
C-DCE=<0.83

DRY CLEANING
MACHINE AND
STAINED FLOOR

TITLE: GROUNDWATER ANALYTICAL RESULTS -JULY 10, 2006

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	express site map.skf
DRAWN BY AH	FIGURE 3

LEGEND

HAB-1 / B-2 — SOIL BORING LOCATION

GP-1 — ABANDONED TEMPORARY WELL LOCATION

TW-3 — TEMPORARY WELL LOCATION

PROPOSED WELL LOCATION

SUITE 14

-N-

SIDEWALK (under canopy)

GP-1

SUITE 12

EXPRESS CLEANERS SUITE 10

TW-3

HAB-5

B-2

B-9

HAB-1

HAB-3

TW-7

B-5

HAB-4

TW-4

TW-1

B-8

TW-6

DRY CLEANING MACHINE AND STAINED FLOOR

GP-2

TITLE: PROPOSED WELL LOCATIONS

SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI

SCALE:	DESCRIPTION	APPVD
1"= 10 FEET		

ALPHA TERRA SCIENCE

DATE	FILE CODE
6/15/06	express site map.skf
DRAWN BY: AH	FIGURE 4

TABLE 1
Cost Estimate for Additional Site Investigation
Former Express Cleaners, Brookfield, WI

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Cost
Task 2: Additional direct-push Soil Sampling and Small Diameter Well Installation				
Sr. Hydrogeologist	$90.00	3	hour	$270.00
Sr. Tech.-Drill/ soil sample/ 1" Well Install	$65.00	8	hour	$520.00
Sr. Tech.-Well Develop, Survey, Sample	$65.00	6	hour	$390.00
Borelogs, Sample Ship, Forms	$65.00	2	hour	$130.00
PID	$75.00	1	day	$75.00
Water Level Indicator	$21.00	1	day	$21.00
Survey Equipment	$35.00	1	day	$35.00
Peristaltic Pump	$40.00	1	day	$40.00
Field Supplies - Expendables	$75.00	1	each	$75.00
Subtotal Task				***$1,556.00***
Task 5: Data Evaluation and Interpretation				
Sr. Hydrogeologist	$90.00	5	hour	$450.00
Sr. Technician	$65.00	4	hour	$260.00
Drafting	$55.00	2	hour	$110.00
Subtotal Task				***$820.00***
Task 6: Site Investigation Report Preparation				
Sr. Hydrogeologist / Engineer	$90.00	6	hour	$540.00
Sr. Technician	$65.00	5	hour	$325.00
Drafting	$55.00	6	hour	$330.00
Administrative Assistant	$35.00	0	hour	$0.00
Subtotal Task				***$1,195.00***
Task 7: PM & Coordination				
Sr. Hydrogeologist	$90.00	5	hour	$450.00
Subtotal Task				***$450.00***
CONSULTING SERVICES TOTAL				**$4,021.00**
COMMODITY SERVICES : BILLED DIRECTLY TO CLIENT				
Task 2: Additional direct-push Soil Sampling and Small Diameter Well Installation				
Drilling Services				
Mobilization	$200.00	1	lump	$200.00
Drill / Soil Sample (4 @ 14')	$10.00	56	foot	$560.00
1" Well Supplies (4 @ 14')	$2.50	56	foot	$140.00
Decontamination	$125.00	1	lump	$125.00
Subtotal Drilling				*$1,025.00*
Laboratory Services				
VOC- Soil	$52.00	11	each	$572.00
TOC - Soil	$35.00	0	each	$0.00
VOC- Groundwater	$50.00	4	each	$200.00
Subtotal Lab				*$772.00*
COMMODITY SERVICES TOTAL				**$1,797.00**

TOTAL ADDITIONAL PROJECT COST	**$5,818.00**

Letter of Transmittal

From: Name: Amy Haak
Company: Alpha Terra Science
Address: 1237 S Pilgrim Rd
Plymouth WI 53073
Phone: 920|892-2444
Date: 6|15|06

To: Wisconsin Department of Natural Resources
Southeast Region - Headquarters Office
P.O. Box 12436
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212
Attn: Remediation and Redevelopment Program

RECEIVED JUN 16 2006

Site Name: Express Cleaners (former)
Site Address: 19555 W. Bluemound Rd
Suite #10, Brookfield WI
FID #: 268506040
BRRTS #: 02-68-544712

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. Be sure to include the FID and BRRTS numbers which have been assigned to the site, and identify the **intent** of the document(s) you are submitting in order to speed processing.

__LUST X ERP __Spill __ACT 453 Purchaser Liability^ __ACT 453 Municipal^
__Other (describe)_____

√ CHECK	PURPOSE OF DOCUMENT/REPORT:	DNR CODE
	Notification of Release	01^
	Tank Closure/Site Assessment *where release(s) have been detected* *	33
X	Site Investigation Workplan	35
	Site Investigation Report __groundwater impacts __no groundwater impacts	37 76^
	Off-Site Determination Request	90
	Remedial Action Plan	39
	Site Specific Clean-Up Goal Proposal	90
	NR 718 Landspreading Request	61
	Copy of Notification to Treat or Dispose of Contaminated Soil or Water	99
	Injection/Infiltration Request	63
	Quarterly Report or Update	43
	O & M Form 4400-194	92
	Remedial Action Report	41
	Closure Review Request	79^
	Simple Site Closure Report *using NR700.11 process*	79^
	Copy of Draft Deed Affidavit or Restriction required for close-out	51/52
	Well Abandonment Form	99
	PECFA Form 4-B (for completed remediation only)	44
	Other (please describe):_____	90/99^

* "Clean" closures should be sent directly to the DNR Remediation and Redevelopment Program, P.O. Box 7921, Madison, WI 53707 attn: Julie Weber

Remarks: Mark Drews is Project Manager

ALPHA TERRA
SCIENCE

June 15, 2006

Alpha Terra Science, Inc.
1237 S. Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
Website: www.alphaterra.net
E-mail: alphaterra@alphaterra.net

Mr. Mark Drews
Wisconsin Dept. of Natural Resources
141 NW Barstow
Waukesha, WI 53188

RE: Site Investigation Work Plan for (former) Express Cleaners, 19555 W. Bluemound Rd, Brookfield, WI WDNR File Reference # 02-68-544712 FID #: 268506040

Dear Mr. Drews,

On June 12, 2006, Bluemound Plaza, LLC., retained the services of Alpha Terra Science to complete site investigation activities at the Former Express Cleaners location. The former drycleaner retail space is currently vacant, but there are several potential tenants interested in leasing. As a result, Bluemound Plaza has requested that investigative activities be conducted as soon as possible.

Enclosed please find the Site Investigation Work Plan for planned investigative activities at the Express Cleaners location. Drilling and well installation activities have been scheduled for Wednesday June 21, 2006.

If you have any questions or comments, please do not hesitate to call.

Sincerely,

Amy Haak

Amy Haak, P. G.
Geologist

cc: Mr. Timothy Timmerman III, Bluemound Plaza, LLC.
Mr. Don Gallo, Reinhardt, Boerner, Van Deuren, P. O. Box 2265, Waukesha, WI 53187-2265

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ALPHA TERRA
SCIENCE

Site Investigation Work Plan

for

FORMER EXPRESS CLEANERS
19555 W. Bluemound Road
Suite 10
Brookfield, WI

DNR BRRTS #: 02-68-544712

June 15, 2006

Prepared For:

Mr. Timothy Timmerman
Bluemound Plaza, LLC.

ALPHA TERRA SCIENCE, INC.

1237 S. Pilgrim Road
Plymouth, WI 53073
TEL (920) 892-2444
FAX (920) 892-2620

1642 County Road O
Mosinee, WI 54455
TEL (715) 457-2944
FAX (715) 457-6663

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FIGURES

APPENDICIES

EXECUTIVE SUMMARY

Express Cleaners vacated Suite 10 of the Bluemound Plaza retail center located at 19555 W. Bluemound Road in 2005. A drycleaners was housed at this location for at least 16 years and there was evidence of spillage and staining on the concrete floor of the suite. Using a hand auger, four borings were advanced through the floor, in the vicinity of the former drycleaning machine, and the presence of tetrachloroethylene (PCE) was detected in some of the soil samples. Two temporary monitoring wells were installed outside of the building so groundwater samples could be collected. PCE was not present in detectable amounts in either groundwater sample.

The drycleaning machine was located adjacent to the west wall of Suite 10. To define the extent of contamination, samples will also need to be collected from the adjacent suite (#12). The property owner has allowed both suites to remain unrented so investigation and remediation activities can be conducted without business disruptions, but intends to lease the suites in the near future. A direct-push drill rig will be utilized to advance nine borings through the floor of the building and small-diameter wells will be set in six of the boreholes. Soil samples collected during drilling will be analyzed for volatile organic compounds (VOC). After allowing time for groundwater levels to stabilize, groundwater samples will be collected and analyzed for VOCs.

Upon completion of the fieldwork data will be reviewed to ensure the PCE plume is fully defined and remediation activities will be planned.

1.0 INTRODUCTION

From a regulatory perspective, the purpose of this project is to define the extent of tetrachloroethene (PCE) contamination in the site soil and groundwater related to a release during operations at the Express Cleaners. The site conditions need to be adequately characterized so potential affects to human health and the environment can be assessed and remedial action options can be evaluated.

Bluemound Plaza, LLC, the property owner, understands their obligation to conduct an investigation to determine the extent of the release. To make the investigation and possible remediation process as easy as possible Suites 10 and 12 of the complex have not been leased. However, unleased space is lost revenue, and Bluemound Plaza wants to lease these two tenant spaces as soon as possible. Fast-track completion of this project is vital to realizing this goal. This work plan describes Alpha Terra Science, Inc.'s (ATS's) approach to conducting a Site Investigation at the former Express Cleaners site so all of these project goals can be met.

1.1 Responsible Party Information

Bluemound Plaza, LLC
P. O. Box 61
Elm Grove, WI 53122
Phone: 262/821-5750
Fax: 262/821-5735
Contacts: Mr. Hans Stute
Mr. Timothy Timmerman, III, Director of Operations

1.2 Consultant Information

Alpha Terra Science
1237 S. Pilgrim Road
Plymouth, WI 53073
Phone: 920/892-2444
Fax: 920/892-2620
Contact: Amy Haak – P. G.

1.3 Legal Counsel

Mr. Don Gallo
Reinhart, Boerner, Van Deuren S. C..
P.O. Box 2265
Milwaukee, WI 53187-2265
Phone: 262/951-4555
Fax: 262/951-4690

1.4 Site Location

19555 W. Bluemound Road, Suite 10
Town of Brookfield, WI
SW ¼ , SE ¼ , Sec. 29., T7N, R20E
Waukesha County, WI (Figure 1)

Express Cleaners was located in Suite 10 of Bluemound Plaza, a multi-tenant building located at the southeast corner of the intersection of N. Janacek and W. Bluemound Roads. The property has approximate dimensions of 760' X 500' and either the building or associated parking areas cover the majority of the property. There are more than 20 different merchant tenant suites in the complex; two of the suites house large retail outlets, while the remaining suites, including Suite 10, are much smaller (Figure 2). Suite 10 is approximately 45 wide by 38 feet deep and is currently unoccupied; the adjacent Suite 12 is also unoccupied. Surrounding properties are commercial in nature.

2.0 SITE CONDITIONS

2.1 Site History

Aerial photographs of the site and surrounding area were reviewed to learn more about the history of the property (Waukesha Co., 2006). In 1970 the area was very rural in nature. There was no development on the property, or in much of the surrounding area. Two buildings were present on the site by 1980, a small building on the northwest part of the property and a larger building that was more centrally located. By 1989 the mall complex was expanded and the larger building was incorporated into the strip-mall complex as Suite 20; the other building was removed. Slab-on grade construction techniques were utilized during building.

Drycleaning has been conducted in Suite 10 since at least 1989 and the suite was vacated in 2005. The drycleaning machine was located along the eastern wall of Suite 10 and tetrachloroethene (PCE) was the cleaning solvent used in the machine. Waste PCE drums were reportedly stored behind the dry cleaning machine and 5-gallon containers used to store the dry cleaning filters were also stored in the same general area. The concrete floor around the former machine location shows signs of spills and staining. Cleaning solvents were brought into and out of the drycleaners through the back door.

2.2 Detected Contaminants

Nova Consulting Group (NOVA) conducted initial site reconnaissance and environmental sampling in late 2005. Using a hand auger, NOVA advanced a boring (HAB-1) adjacent to the location of the former drycleaning machine and obtained a soil sample for laboratory testing (Figure 2). PCE was present in the soil sample. Additionally, two borings (GP-1 and GP-2) were advanced using a geoprobe, one in front and one in the rear of the building (Figure 2). Groundwater was encountered at a depth of approximately seven feet below grade while drilling and temporary monitoring wells were installed in these borings to facilitate collection of groundwater samples. No PCE was detected in either groundwater sample.

Using a hand auger, three additional soil borings (Figure 2) were advanced near the drycleaning machine in December 2005 for purposes of additional delineation and to aid the WDNR in determining if contaminant concentrations were high enough to warrant further investigation. Borelogs and laboratory analytical reports for work conducted by NOVA are included in Appendix A. On January 12, 2006, the WDNR issued a letter stating an investigation was necessary and BRRTS number 02-68-544712 was assigned to the site.

2.3 Geology and Hydrogeology

Brookfield is located in an area that was covered by ice during the last period of glaciation. At least two different ice sheets have covered this area, the last of which advanced approximately 11,000 years ago, and they are largely responsible for shaping the topography of the landscape (SEWRPC, 2002). Glacial till deposits blanket the area.

Based on drilling previously conducted at the site, the concrete building slab was placed on six to eight inches of gravel. Approximately three feet of sand underlie the gravel. Native soils are silty clay and clay with poorly sorted sand and sand lenses. Unconsolidated deposits are approximately 100 to 150 feet thick in this area (Trotta and Cotter, 1973) and overlie Silurian-aged dolomites. These dolomites are the uppermost bedrock aquifer in the region, and are the primary source of most domestic water supplies and many high capacity wells(SEWRPC, 2002). General groundwater flow direction in the dolomite bedrock unit is to the east (SEWRPC, 2002).

Poplar Creek is located about 1500 feet west of the site and the Pewaukee River lies approximately 2100 feet to the south (Figure 1). These streams are located within the Fox River Basin. Groundwater flow in the unconsolidated strata is anticipated to be towards the west.

2.4 Potential Contaminant Receptors

Contaminants in vapor, solid or liquid phases can accumulate in, or migrate along, underground pathways created by utility trenches or permeable soils. As part of the investigation activities nearby utility trench locations will be identified and the potential for contaminant migration assessed. Depending on the relationship between areas of contamination and utility corridors there may or may not be the potential for contaminants to migrate along these pathways. Sub-floor vapor monitoring will be conducted to assess whether vapors are accumulating or migrating through the gravel under the concrete building floor (see Section 3.1.2).

Migration of contaminants to the groundwater is a concern, as the source of all municipal water supplies in the area is groundwater. However, the municipal wells do not draw water from the unconsolidated deposits that could be impacted as a result of the Express Cleaners release. The risk associated with this exposure pathway is negligible.

Shallow groundwater in unconsolidated formations oftentimes discharge to nearby lakes, streams, and rivers. For this reason, contamination to surface water bodies can also be concern. The nearest surface water bodies, Poplar Creek and the Pewaukee River, are located far enough from the site where they are unlikely to be impacted by a release at Express Cleaners.

3.0 PROPOSED INVESTIGATION

The objective of this phase of the project is to define the extent of contamination in both the soil and groundwater. During Phase II drilling activities, groundwater was encountered at a depth of approximately seven feet below grade. PCE concentrations in the soil samples analyzed for the Phase II decreased with depth, and in the case of the sample from HAB-3, PCE was not detectable at a depth of 4.5 feet (Figure 1). Clean groundwater samples from GP-1 and GP-2, combined with the low concentrations in the soil, indicate it is likely the contaminant plume is confined to the area underneath the building.

In summary, the following items are proposed for the site investigation:

- Using direct-push drilling techniques, advance nine borings under the building floor. Five small-diameter wells and one piezometer will be installed to facilitate collection of groundwater samples.
- Submittal of 13 soil samples for laboratory analysis of volatile organic compounds (VOCs), and four soil samples for total organic carbon.
- Submittal of six groundwater samples for laboratory analysis of VOCs.

Details regarding the field investigation are provided below.

3.1. Field Investigation Activities

3.1.1 Direct-push Soil Sampling

The fastest, least expensive, and least disruptive method to evaluate the extent of contamination is with a direct-push drill rig. Since both entrance doors are small, a drill rig mounted on a hand cart will be utilized so drilling can be conducted in close vicinity to the drycleaning machine and drum storage area. The drill bit is used to make a two-inch hole in the floor and then a 4-foot long sampling tube is pushed into the ground. The recovered samples are retained for geologic description, field screening for the presence of contaminants, and laboratory analysis.

A total of nine borings are proposed for installation as shown on Figure 3. The proposed borings target suspected areas of released drycleaning solvents and attempt to define the horizontal and vertical extent of previously detected contamination. One boring will be advanced to a depth of 14 feet directly under the former drycleaning machine location (source area) to evaluate the PCE concentrations right at the source. A second boring will be installed adjacent to this location and advanced to a depth of 24 feet to aid in the definition of the vertical extent of soil and groundwater contamination in this area (piezometer). The remaining borings will be advanced around the source area to define the lateral extent of contamination.

Small-diameter (approximately 1") monitoring wells will be installed in six of the soil borings, including both in the source area, for groundwater sampling purposes. The well screen and casing will be made of PVC and filter-pack sand and a bentonite seal will be placed around the well screen and casing. A five-foot long, pre-pack well screen will be utilized for the piezometer to ensure there is no bridging of the filter pack or bentonite seal during installation, and to eliminate the potential for migration of contamination vertically downward in this borehole.

During drilling soils will be continuously sampled, and field screening for the presence of VOCs will be conducted using a photoionization detector (PID). In general, the borings will be advanced until field PID measurements indicate contamination is no longer significant or to a depth of 14 feet below grade.

A minimum of one soil sample from each Geoprobe boring will be submitted to the laboratory for analysis of VOCs. The soil sample selected for analysis from each boring will be from the depth of the most elevated concentration based on odor and PID response. If no obvious impacts

are apparent, the sample for lab analysis will be retained from the contact with native soils, if it is in a possible source release area, or from the depth where nearby borings had detected PCE. In an effort to define the vertical extent of contamination, additional soil samples will be obtained from greater depths in four borings, for a total of 13 soil samples.

Four soil samples will also be retained for evaluation of total organic carbon. Knowledge of the amount of organic carbon in the soil is necessary for calculation of site-specific soil clean-up levels.

3.1.2 Sub-slab Vapor Sampling

Two sub-slab vapor probes will be installed, one in Suite 10 and one in Suite 12. The purpose of the vapor sampling is to evaluate the magnitude and extent of PCE or other chlorinated solvents present in the vapor phase immediately beneath the building floor. This testing will establish a baseline concentration to compare with post-remediation levels, and will also provide sample points that may be useful during evaluation of any sub-floor vapor extraction system. One vapor probe will be installed near the location of the former drycleaning machine; the other will be located near the easternmost boring location within Suite 12.

The vapor probe installations will be performed per the "Draft Standard Operating Procedure for Installation of Sub-Slab Vapor Probes" (DiGiulio, D; Appendix B). Using a hammer drill a ¾-inch diameter hole will be drilled approximately ½ way through the concrete floor, estimated to be 6-inches thick. The borehole will be cleaned of concrete dust with a vacuum, and a ½- to 5/16 -inch diameter hole will be drilled through the slab and approximately 3 inches into the subsurface material. Upon completion of the drilling, a 3/8-inch brass compression fitting and copper tubing will be installed in the hole and cemented in place with quick-setting Portland cement. The tubing will extend approximately 4 inches below grade, and will not extend beyond the concrete floor to prevent potential plugging of the tubing by sub floor materials. The tubing will end with a female-threaded compression fitting that sits flush with the floor surface. The EPA method calls for use of stainless steel tubing to ensure that construction materials are not a source of VOCs, but brass and copper should be suitable substitutes. All fittings and tubing will be washed with an Alconox and water solution and rinsed with distilled water prior to installation.

After allowing the cement to dry, the probes will be sampled using a Thermoenvironmental Instruments Model 580B PID with a 10.6 eV lamp, which will also act as a sampling pump. A brass, male-threaded, barbed fitting will be connected to the sample point, and a piece of Teflon tubing will be connected to the barbed fitting and the PID. A field measurement of the approximate concentration of VOCs in the sub-slab vapors will be obtained with the PID.

A sample will then be collected for laboratory analysis. With the PID (pump) operating, a syringe will be used to puncture the Teflon tubing and 40 cubic centimeters (cc) of soil gas will be drawn into the syringe. The recovered vapors will be immediately injected into a 22 cc sample vial. This procedure will be repeated and a second vial will be filled at each sample

location. The syringe and sample vial will be provided by the analytical laboratory, and will be dedicated to each sample location.

Following sampling, the sample vials will be shipped via express courier to Microseeps, Inc., of Pittsburgh, PA, the analytical laboratory, under chain of custody procedures. The laboratory analysis will be completed using a gas chromatograph method as described by the analytical laboratory in documentation included in Appendix B.

After sampling, the barbed fittings will be removed and the flush-mounted vapor probes left in place. The hole will be sealed with a threaded plug or other removable, watertight, inert material.

3.1.3 Groundwater Sampling

Following installation, the monitoring wells and piezometer will be surveyed and developed. The development water will be containerized and retained on site until proper disposal methods can be determined.

Water levels will be allowed to stabilize and ATS will return to the site to conduct groundwater sampling. Following collection of water levels, sampling will be conducted using low-flow methods. One groundwater sample will be collected from each well and analyzed for VOCs.

3.2 Data Evaluation

Upon completion of the field activities, the geologic data and analytical results will be evaluated and interpreted. Summary tables of the encountered geology will be prepared and figures, tables, and other interpretive tools will be utilized to evaluate the significance of the results.

This information will be provided to the WDNR and the client, and an evaluation will be made regarding the completeness of the site investigation. If the extent appears suitably defined for remediation purposes, an evaluation of remedial alternatives will be performed. If the results indicate the extent of contamination is not defined, additional soil borings and monitoring wells will likely be necessary.

3.3 Report Preparation

To facilitate completion of this project in a timely manner, site investigation and remediation reports will be combined. Depending on the complexity of the project either one or two reports will be prepared. If the project is straightforward, one report documenting both site investigation and remediation details will be prepared. If the project turns out to be more complex, preparation of two reports may be preferable. In this case, the initial report would include site investigation details and remedial action plans, and the second report would document remediation activities. Reporting preferences will be discussed with the Bluemound Plaza LLC after receipt of laboratory results. Regardless of the exact reporting format, the following items will be covered:

- Site operations and historical property use
- Investigative procedures and techniques
- Soil and groundwater conditions
- Potential contaminant migratory pathways
- Investigation results
- Conclusions
- Site-specific soil clean-up goals
- Remedial action recommendation and implementation details
- Cost estimate for remediation (based on previous costs at other sites)

4.0 PROJECT SCHEDULE

Mr. Timmerman has indicated that quick completion of this project is vital to ongoing operations at Bluemound Plaza. An aggressive project schedule has been established to meet this project goal.

Tentative Project Schedule

Activity	Time
INVESTIGATION	
Project Coordination: Bidding, Scheduling	Upon award of project
Submittal of Site Investigation Work Plan to DNR	June 15, 2006
Drilling and well installation	June 21, 2006
Groundwater and Vapor Sampling	1 day ~ 2 weeks after drilling
Receipt of Laboratory Reports and Data Evaluation	3 weeks

5.0 REFERENCES

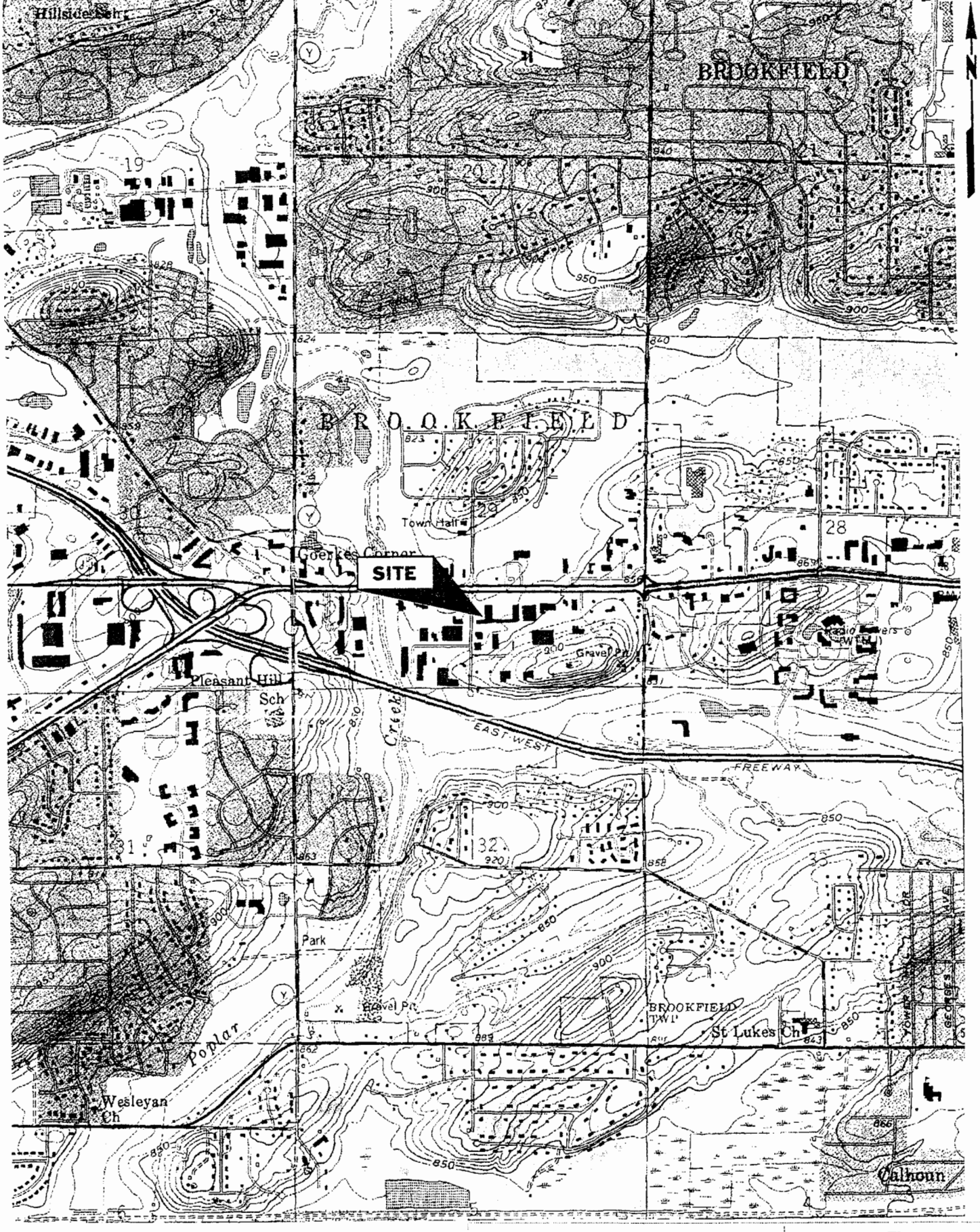
DiGiulio, D,. Draft Standard Operating Procedure (SOP) for Installation of Sub-Slab Vapor Probes and Sampling Using EPA Method TO-15 to Support Vapor Intrusion Investigations. United States Environmental Protection Agency.

SEWRPC, 2002. *Groundwater Resources of Southeastern Wisconsin.* Southeast Wisconsin Regional Planning Commission Technical Report #37. 208 Pages.

Trotta, L. C. and R. D. Cotter, 1973. *Depth to Bedrock in Wisconsin*, Wisconsin Geological and Natural History Survey, Scale 1:1,000,000.

USGS, 1992. Waukesha 7.5' Quadrangle Topographic Map, Scale 1:24,000.

Waukesha County 2006. *Waukesha County GIS Map Server.* World wide web accessed June 13 3, 2006, at URL http://maps.waukeshacounty.gov/GISweb/waukco/waukco.asp.



1" = 2000 ft

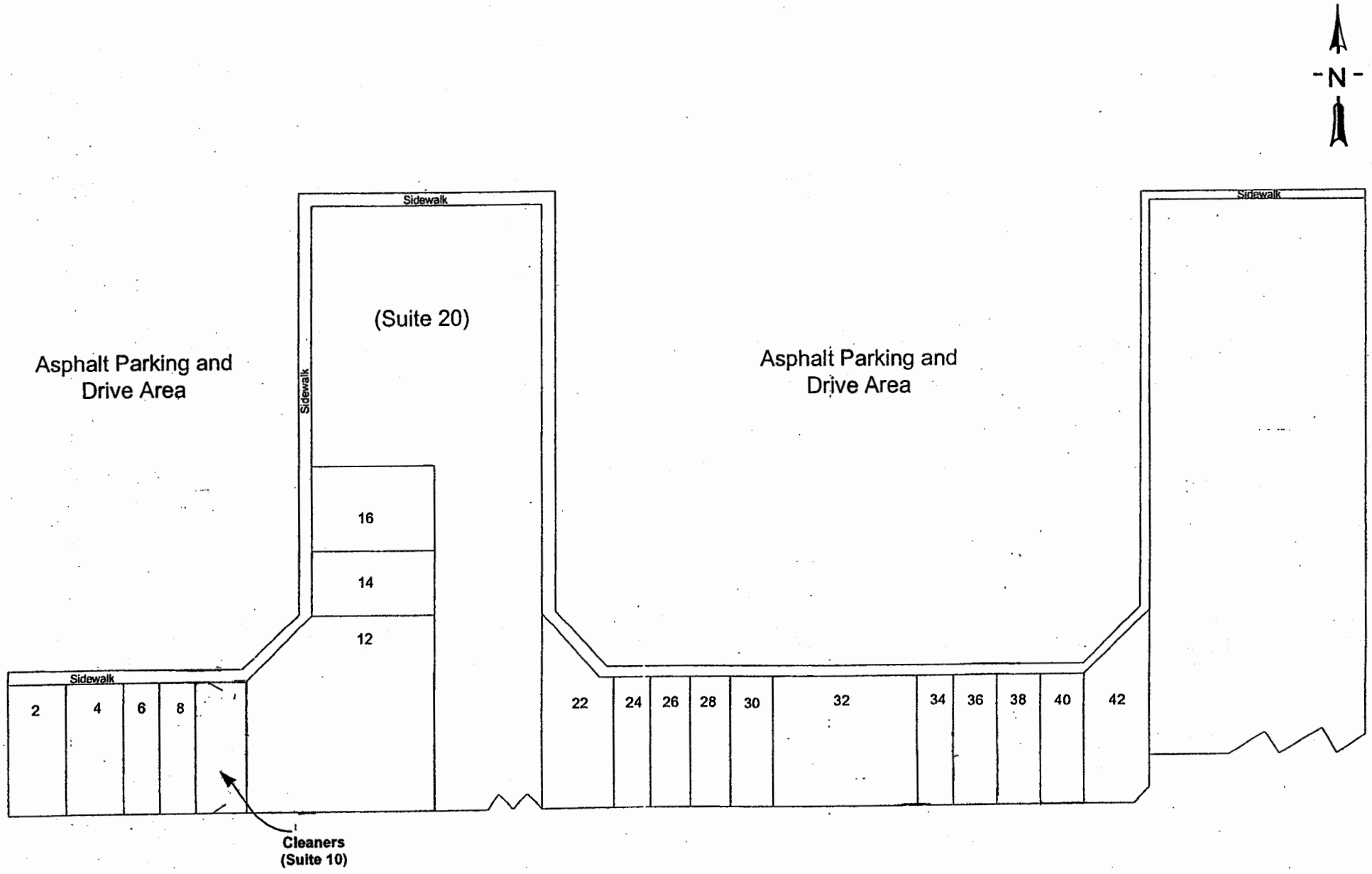
SITE LOCATION MAP

Former Express Cleaners, Brookfield, WI

ALPHA TERRA SCIENCE

DATE	DESCRIPTION	APPVD	DATE 6/15/06	DWG #: s/sloc
SCALE 1:=24,000			APPROVED: AH	FIGURE 1

SOURCE: Waukesha 7.5 minute topographic quadrangle
1992



Modified from base map constructed by Nova Consulting Group, Inc.

BLUEMOUND PLAZA LAYOUT		
Former Express Cleaners - Brookfield, WI	DATE: 6/15/06	file ref: plaza.skf
SCALE: 1 Inch= Approximately 80 Feet	DRAWN BY: AH	FIGURE 2

ALPHA TERRA SCIENCE

TITLE: SITE MAP WITH SAMPLING LOCATIONS			ALPHA TERRA SCIENCE
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI			DATE: 6/15/06
SCALE: 1"= 20 FEET	DESCRIPTION	APPVD	FILE CODE: express site map.skf
			DRAWN BY: AH
			FIGURE 3

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME: *Bluemound Plaza-Moua Cleaners*	Boring No. : **GP-1**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Asphalt and Class 5		
2.0	CL / ML	Clay with Silt, moist, brown, black, organic, some small sand lenses. No odors or staining.		
3.0				
4.0			GP-1 @ 4'	ND
5.0				
6.0				
7.0				
8.0	CL / SP	Clay with Poorly Sorted Sand and Sand Lenses, fine to medium grained, saturated at 7 feet. Black, gray, organic, no odors or staining.	GP-1 @ 8'	ND
9.0				
10.0				
11.0				
12.0			GP-1 @ 12'	ND

END OF BORING - Temporary Well Installed

Boring Depth (feet):	12 Feet	Driller: Eric Halpaus	Date of Boring: 11/21/2005
Groundwater Depth:	~ 7 feet	Rig: *Geoprobe 5400*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME: *Bluemound Plaza-Moua Cleaners*	Boring No.: **GP-2**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No.: *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Asphalt and Class 5		
2.0	CL / ML	Clay with Silt, moist, brown, black, organic, some small sand lenses. No odors or staining.		
3.0				
4.0			GP-2 @ 4'	ND
5.0				
6.0				
7.0				
8.0	CL / SP	Clay with Poorly Sorted Sand and Sand Lenses, fine to medium grained, saturated at 7 feet. Black, gray, organic, no odors or staining.	GP-2 @ 8'	ND
9.0				
10.0				
11.0				
12.0			GP-2 @ 12'	ND

END OF BORING - Temporary Well Installed

Boring Depth (feet):	12 Feet	Driller: Eric Halpaus	Date of Boring: 11/21/2005
Groundwater Depth:	~ 7 feet	Rig: *Geoprobe 5400*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME: *Bluemound Plaza-Moua Cleaners*	Boring No.: **HAB-1**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No.: *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-1 @ 2'	ND

END OF BORING - AUGER REFUSAL

Boring Depth (feet):	1 Feet	Driller: Tom Panning	Date of Boring: 11/21/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME: *Bluemound Plaza-Moua Cleaners*	Boring No. : **HAB-3**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-3 @ 2'	ND
3.0				
4.0			HAB-3 @ 4'	ND
4.5	CL	Clay with Poorly Sorted Sand, fine to medium grained, moist, brown. No odors or staining.	HAB-3 @ 4.5'	ND

END OF BORING 4.5 Feet - Refusal

Boring Depth (feet):	4.5 Feet	Driller: Eric Halpaus	Date of Boring: 12/5/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME: *Bluemound Plaza-Moua Cleaners*	Boring No.: **HAB-4**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No.: *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-4 @ 2'	ND
3.0				
4.0			HAB-4 @ 4'	ND
5.0	CL	Clay with Poorly Sorted Sand, fine to medium grained, moist, brown. No odors or staining.	HAB-4 @ 5'	ND

END OF BORING 5.0 Feet - Refusal

Boring Depth (feet):	5.0 Feet	Driller: Eric Halpaus	Date of Boring: 12/5/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME: *Bluemound Plaza-Moua Cleaners*	Boring No. : **HAB-5**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-5 @ 2'	ND
3.0				
4.0			HAB-5 @ 4'	ND
4.5	CL	Clay with Poorly Sorted Sand, fine to medium grained, moist, brown. No odors or staining.	HAB-5 @ 4.5'	ND

END OF BORING 4.5 Feet - Refusal

Boring Depth (feet):	4.5 Feet	Driller: Eric Halpaus	Date of Boring: 12/5/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-1

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-001

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloromethane		0.25	0.24	0.80		1	ug/L	QM	11/23/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Naphthalene		2.4	0.74	2.5		1	ug/L	QM	11/23/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	0.93	0.93	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-1

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-001

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		80	64	132		1	%		11/23/05	SW846 5030B	SW846 8260B
Toluene-d8		83	73	127		1	%		11/23/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		88	68	122		1	%		11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-2

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-002

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	0.93	0.93	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-2

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-002

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		78	64	132		1	%		11/23/05	SW846 5030B	SW846 8260B
Toluene-d8		84	73	127		1	%		11/23/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		87	68	122		1	%		11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : HAB-1 @ 1.5'

Matrix Type : SOIL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	96.6				1	%		11/23/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg	&	11/28/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg	&	11/28/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : HAB-1 @ 1.5'

Matrix Type : SOIL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-003

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Tetrachloroethene	440	26	62		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	106	64	133		50	%	11/28/05	SW846 5030B	SW846 8260B
Toluene-d8	110	67	139		50	%	11/28/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	64	140		50	%	11/28/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-005

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Methylene Chloride		5.5	0.43	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	0.93	0.93	3.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-005

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	0.89	0.89	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene		80	64	132		1	%	11/23/05	SW846 5030B	SW846 8260B
Toluene-d8		85	73	127		1	%	11/23/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		85	68	122		1	%	11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : MEOH BLANK

Matrix Type : METHANOL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-006

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
2.2-Dichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/L	&	11/28/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/L	&	11/28/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : MEOH BLANK

Matrix Type : METHANOL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-006

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/L	11/28/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene		92	64	133		50	%	11/28/05	SW846 5030B	SW846 8260B
Toluene-d8		92	67	139		50	%	11/28/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		99	64	140		50	%	11/28/05	SW846 5030B	SW846 8260B

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 867114

Client: NOVA ENVIRONMENTAL SERVICES **Lab Contact:** Laurie Woelfel

Project Name: BLUEMOUND PLAZA

Project Number: E05-2335

Lab Sample Number	Field ID	Matrix	Collection Date
867114-001	HAB-3 @ 4.5'	SOIL	12/05/05
867114-002	HAB-4 @ 5'	SOIL	12/05/05
867114-003	HAB-5 @ 4.5'	SOIL	12/05/05
867114-004	HAB-6 @ 6'	SOIL	12/05/05 – Not from Express Cleaners site
867114-005	HAB-4 @ 2'	SOIL	12/05/05
867114-006	HAB-5 @ 2'	SOIL	12/05/05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Laurie Woelfel — Approval Signature

12/7/05 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-3 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	83.5				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-3 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-001

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL							
4-Bromofluorobenzene		100	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		101	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		96	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	92.4				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-002

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene	400	27	65		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	109	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8	112	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	107	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	86.1				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-003

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene		660	29	70		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		106	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		108	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		102	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.1				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-005

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene	740	27	64		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	106	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8	110	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	97.0				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-006

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene		1100	26	62		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		99	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		102	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		95	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	867114-001	867114-002	867114-003	867114-004	867114-005	867114-006
PERCENT SOLIDS	B	B	B	B	B	B
VOLATILES	G	G	G	G	G	G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: NOVA Project # 8107114

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

[redacted]

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used NA Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 20.1 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 12-6-05 AD C112/6/05

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☒Yes ☐No ☐N/A	7. DUE: 12-7-05!
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 12/16/05

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Legibly)
Company Name: NOVA
Branch or Location: Chaska
Project Contact: Tony LaBarre
Telephone: 952-361-8674
Project Number: E05-2335
Project Name: ~~Brookfield~~ Plaza Blue Mound
Project State: WI
Sampled By (Print): Eric Halpaus
PO #:

EN CHEM INC.
A Division of Pace Analytical Services, Inc.
1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY No. 136766

Page 1 of 1
Quote #:
Mail Report To: Tony LaBarre
Company: NOVA-Chaska
Address:
Invoice To: Same
Company:
Address:
Mail Invoice To:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)
PRESERVATION (CODE)*

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: GW=Ground Water, W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, SI=Sludge, WP=Wipe

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	ANALYSES REQUESTED: VOC						TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	HAB-3 @ 4.5'	12/5	AM	S	✓						2	1-4oz poly[A], 1-2oz[E]	
002	HAB-4 @ 5'	12/5	PM	S	✓						2	↓	
003	HAB-5 @ 4.5'	12/5	PM	S	✓						2	↓	
004	HAB-6 @ 6'	12/5	PM	S	✓						2	↓	
005	HAB-4 @ 2'	12/5	PM	S	✓						2	↓	
006	HAB-5 @ 2'	12/5	PM	S	✓						2	↓	

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed: ASAP 24HRS
Transmit Prelim Rush Results by (circle):
Phone Fax **E-mail** (circled)
Phone #:
Fax #:
E-Mail Address: Tony / Eric

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/5/05	FED EX	
FED EX	12-6-05 0945	Ashley Bulaky	12-6-05 0945

En Chem Project No. 912114
Sample Receipt Temp. 2.0 I
Sample Receipt pH (Wet/Metals) NA
Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 4.0: 09/04

Draft

Standard Operating Procedure (SOP) for Installation of Sub-Slab Vapor Probes and Sampling Using EPA Method TO-15 to Support Vapor Intrusion Investigations

Dominic DiGiulio, Ph.D.
U.S. Environmental Protection Agency
Office of Research and Development
National Risk Management Research Laboratory
Ground-Water and Ecosystem Restoration Division
Ada, Oklahoma

phone: 580-436-8605
e-mail: digiulio.dominic@epa.gov

Background

Vapor intrusion is defined as vapor phase migration of volatile organic and/or inorganic compounds into occupied buildings from underlying contaminated ground water and/or soil. Until recently, this transport pathway was not routinely considered in RCRA, CERCLA, or UST investigations. Therefore the number of buildings or homes where vapor intrusion has occurred or is occurring is undefined. However, considering the vast number of current and former industrial, commercial, and waste processing facilities in the United States capable of causing volatile organic or inorganic ground-water or soil contamination, contaminant exposure via vapor intrusion could pose a significant risk to the public. Also, consideration of this transport pathway may necessitate review of remedial decisions at RCRA and CERCLA sites as well as implementation of risk-reduction technologies at Brownsfield sites where future development and subsequent potential exposure may occur. EPA's Office of Solid Waste and Emergency Response (OSWER) recently (2002) developed guidance to facilitate assessment of vapor intrusion at sites regulated by RCRA and CERCLA where halogenated organic compounds constitute the bulk of risk to human health. EPA's Office of Underground Storage Tanks (OUST) is considering modifying this guidance to include underground storage tank sites where petroleum compounds primarily determine risk and biodegradation in subsurface media may be a dominant fate process.

The OSWER guidance recommends indoor air and sub-slab gas sampling in potentially affected buildings at sites containing elevated levels of soil-gas and ground-water contamination. To support the guidance and improve site-characterization and data interpretation methods to assess vapor intrusion, EPA's Office or Research and Development is developing a protocol for sub-slab gas sampling. When used in conjunction with indoor air, outdoor air, and soil gas and/or ground-water sampling, sub-slab gas sampling can be used to differentiate indoor and outdoor sources of volatile organic and/or inorganic compounds from compounds emanating from contaminated subsurface media. This information can then be used to assess the need for sub-slab depressurization or other risk-reduction technologies to reduce present or potential future indoor air contamination due to vapor intrusion.

Sub-Slab Vapor Probe Construction and Installation

1. Prior to drilling holes in a foundation or slab, contact local utility companies to identify and mark utilities coming into the building from the outside (e.g., gas, water, sewer, refrigerant, and electrical lines). Consult with a local electrician and plumber to identify the location of utilities inside the building.

2. Prior to fabrication of sub-slab vapor probes, drill a pilot hole to assess the thickness of a slab. As illustrated in **Figure 1**, use a rotary hammer drill to create a "shallow" (e.g., 2.5 cm or 1 in) "outer" hole (e.g., 2.2 cm or 7/8 in diameter) that partially penetrates the slab. Use a small portable vacuum cleaner to remove cuttings from the hole if penetration has not occurred. Removal of cuttings in this manner in a competent slab will not compromise sampling because of lack of pneumatic communication between sub-slab material and the source of vacuum.

3. Then use the rotary hammer drill to create a smaller diameter "inner" hole (e.g., 0.8 cm or 5/16 in) through the remainder of the slab and some depth (e.g., 7 to 8 cm or 3 in) into sub-slab material. **Figure 2** illustrates the appearance of "inner" and "outer" holes. Drilling into sub-slab material will create an open cavity which will prevent obstruction of

probes during sampling by small pieces of gravel.

4. The basic design of a sub-slab vapor probe is illustrated in **Figure 3**. Once the thickness of the slab is known, tubing should be cut to ensure that probes "float" in the slab to avoid obstruction of the probe with sub-slab material. Construct sub-slab vapor probes from small diameter (e.g., 0.64 cm or 1/4 in OD x 0.46 cm or 0.18 in ID) chromatography grade 316 stainless steel tubing and stainless-steel compression to thread fittings (e.g., 0.64 cm or 1/4 in OD x 0.32 cm or 1/8 in NPT Swagelok female thread connectors) as illustrated in **Figure 4**. Use of stainless-steel materials to ensure that construction materials are not a source of VOCs.

5. Set sub-slab vapor probes in holes. As illustrated in **Figure 5**, the top of the probes should be completed flush with the slab and have recessed stainless steel or brass plugs so as not interfere with day-to-day use of buildings. Mix a quick-drying portland cement which expands upon drying (to ensure a tight seal) with water to form a slurry and inject or push into the annular space between the probe and outside of the "outer" hole. Allow cement to cure for at least 24 hours prior to sampling.

6. Install at least 3 sub-slab vapor probes in each residence. As illustrated in **Figure 6**, create a schematic identifying the location of each sub-slab probe.

Sub-Slab Sampling

1. Connect dedicated a stainless-steel fitting and tubing (e.g., 1/8 in NPT to 1/4 in tube Swagelok fitting and 30 cm or 1 ft of 1/4 in I.D. Teflon tubing to a sub-slab vapor probe as illustrated in **Figure 7**. Use of dedicated fitting and tubing will avoid cross-contamination issues.

2. Connect the Teflon tubing to 1/4" ID Masterflex (e.g., 1.4 in ID high performance Tygon LFL) tubing and a peristaltic pump and 1-L Tedlar bag as illustrated in **Figure 8**. Use of a peristaltic pump will ensure that sampled air does not circulate through a pump causing potential cross contamination and leakage.

3. Purge vapor probe by filling two dedicated 1-L Tedlar bags. The internal volume of sub-slab probes is insignificant (< 5 cm^3). A purge volume of 2 L was chosen based on the assumption of a 0.64 cm (1/4") air space beneath a slab and an affected sample diameter of 0.61 m (2 ft).

4. Use a portable landfill gas meter to analyze for O_2, CO_2 and CH_4 in Tedlar bags as illustrated in **Figure 9**.

5. Collect sub-slab vapor samples in evacuated 10% or 100% certified 1-L Summa polished canisters and dedicated particulate filters as illustrated in **Figure 10**. Check vacuum in canisters prior to sampling. Sampling will cease when canister pressure reaches atmospheric pressure. Submit canisters to a commercial laboratory for analysis by EPA Method TO-15.

6. Collect at least one duplicate sub-slab sample per building using dedicated stainless-steel tubing as illustrated in **Figure 11.**

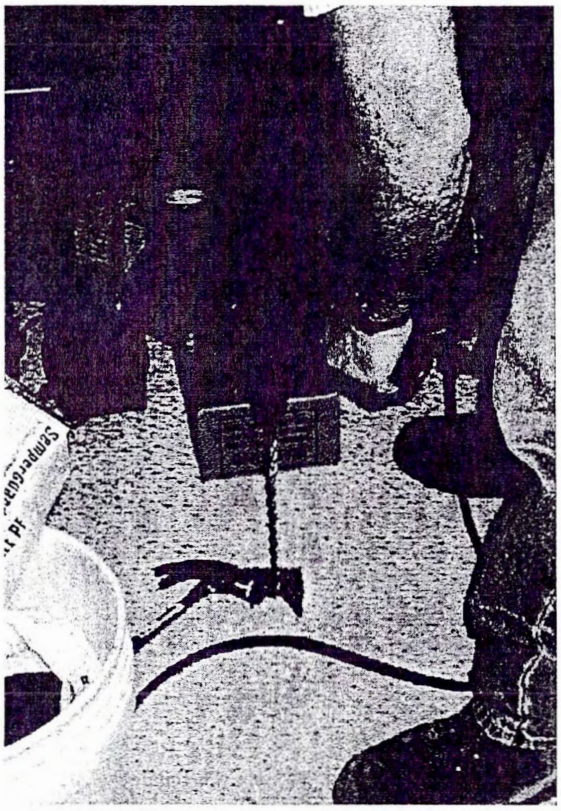


Figure 1. Drilling through a slab

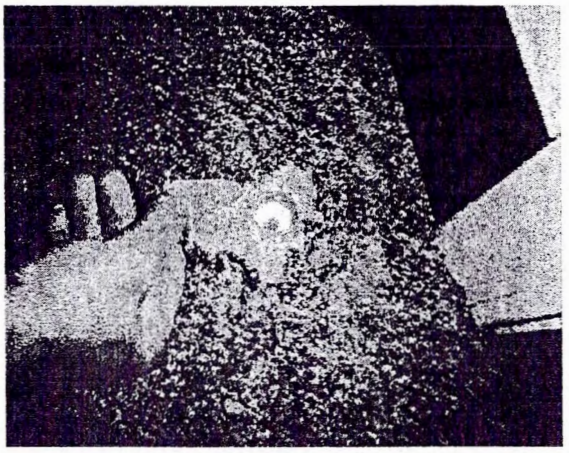


Figure 2. "inner and "outer

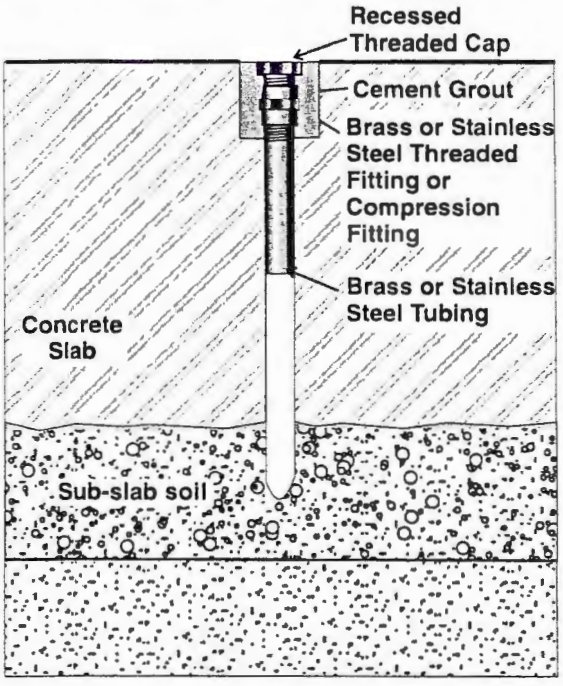


Figure 3. General schematic of sub-slab vapor probe

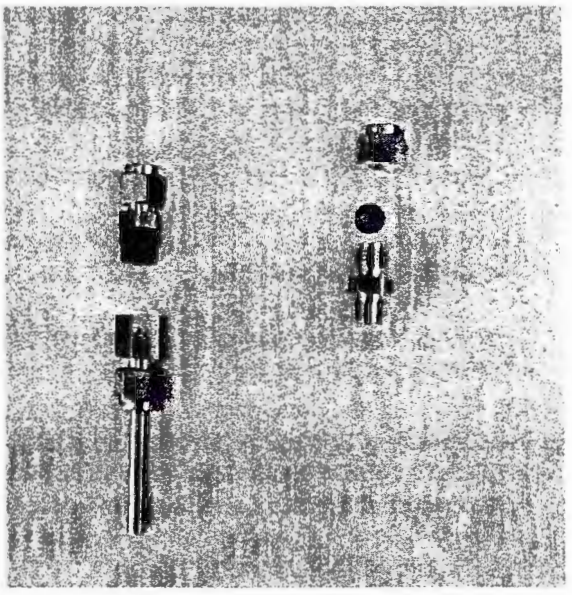


Figure 4. Stainless steel sub-slab vapor probe components

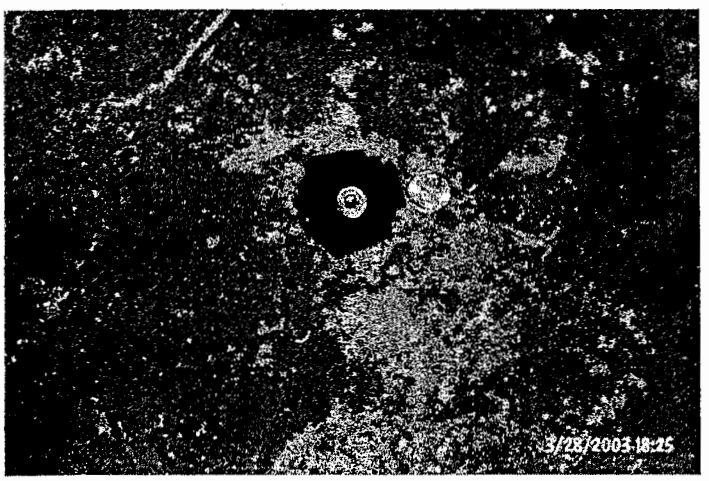


Figure 5. Competed vapor probe installation

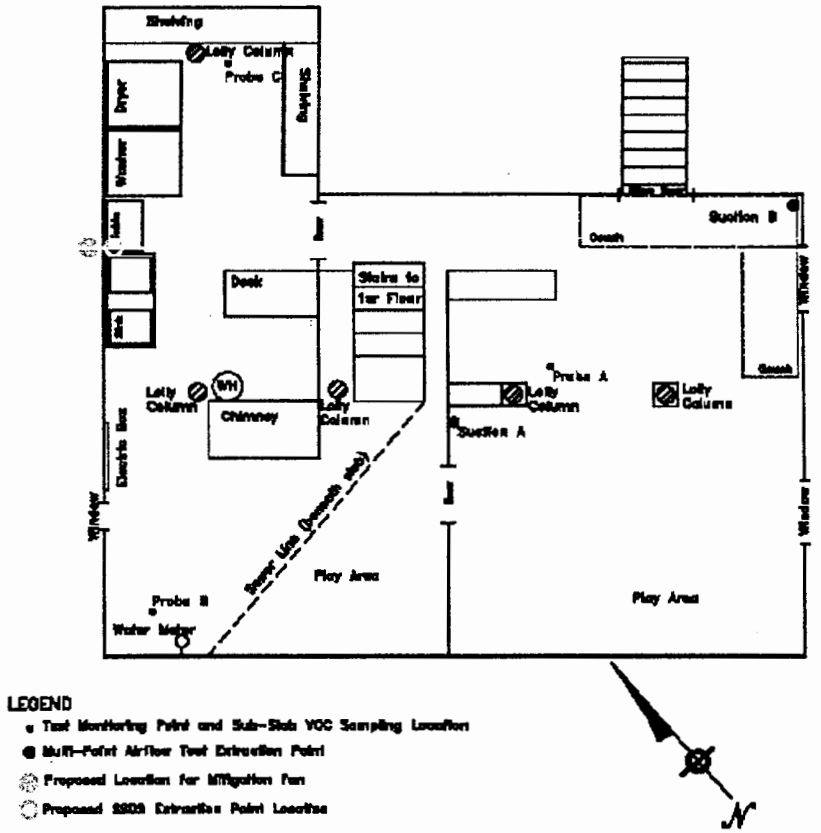


Figure 6. Schematic illustration location of vapor probes in a basement

Figure 7. Compression fitting to probe

Figure 8. Purge prior to sampling

Figure 9. Analysis of O2, CO2, and CH4

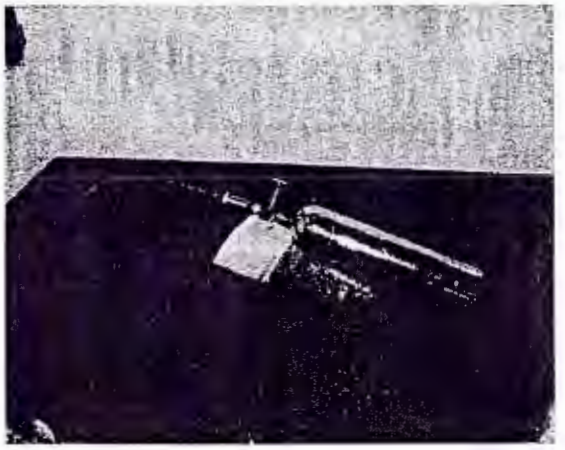


Figure 10. Sampling in 1-L evacuated canister for TO-15 analysis

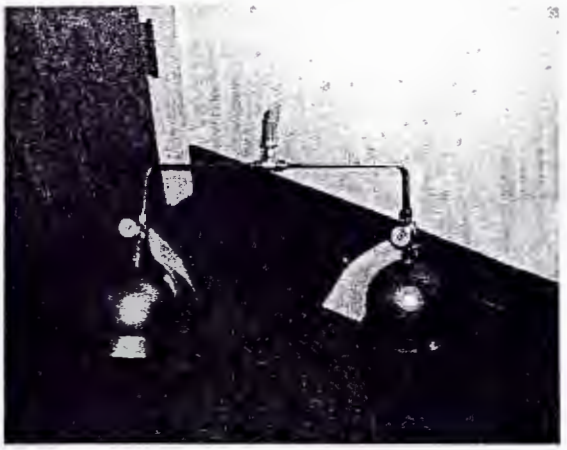


Figure 11. Collection of duplicate sample

Vapor Analysis Method

Without The Use of Tedlar Bags

Soil vapors from vapor intrusion pathways are an excellent opportunity to use SM 10 and AM 4.03

Microseeps recognized the need for a sampling method specifically for collecting soil vapor samples from soil gas surveys and from soil vapor extraction (SVES) systems.

Currently there are two methods that are normally referenced when SVES or sampling of vapor samples is required. They are Method 18 – Tedlar Bags and Method TO 14 or 15 - - Summa canisters. Method 18 is basically a stack testing method and TO 14&15 are methods for ambient air.

None of these methods was developed specifically for soil vapor sampling. Rather than using either of these methods for sample collection for SVES, Microseeps' developed Method SM 10 specifically for this purpose.

Microseeps' method SM 10 was designed to capture a discreet vapor sample and to provide the highest degree of confidence that the analytical result will give an accurate representation of the efficiency of the system. Vapor intrusion pathway investigations and SM 10 are a perfect match.

Analytical method AM 4.03 utilizes glass vials as the sample receptacle as opposed to the commonly used Tedlar bags or Summa canisters.

The Advantages of Using Glass Vials

- **Holding Time** – Samples collected in bags must be analyzed within 48 hours. The holding time for glass vials is the industry standard, 14 days.
- **Shipping** – Tedlar bags must be shipped overnight, limiting sampling to Monday through Thursday unless special arrangements are made for Saturday analysis.
- **Dependability of Analytes** – When a sample is taken using a bag, it is absorbed on the sampling port and also the inner wall of the bag. With vials there is still absorption, but during the analytical process the vial is heated to approximately 75 degrees centigrade. This is more than enough to desorb all constituents and make them available for the analytical process.
- **Sample Collection** – Using a disposable syringe you merely secure the sample from the sample port and transfer it to the 22cc glass vials. We supply all of the necessary equipment with the vials. None of this equipment is reused, therefore there is no costly clean up.
- **Cost** – Two glass vials per sample are sent out in each kit and a duplicate sample is taken at each sample point. If there is any reason to believe that the sample result is not correct the duplicate sample can be analyzed. It is cost prohibitive to take a duplicate sample with either a Tedlar Bag or a Summa Canister.

Glass Vial / VOC Recovery Study Using AM 4.03

Microseeps' research showed no significant VOC loss using glass vials

Compound Name	Day 1	Day 4	Day 7	% Recovery After 7 Days
Vinyl Chloride	1027.8	1002.3	978.5	95.2
Bromomethane/	28.05	28.20	27.83	99.2
1,1,Dichloroethylene	11.07	11.18	10.99	99.3
Trans-1,2	11.02	10.97	10.6	96.2
1,1 Dichloroethane	11.00	11.11	10.96	99.3
Chloroform	9.07	9.11	8.91	98.3
1,1,1 Trichloroethane	8.13	8.23	8.08	99.4
Carbon Tetrachloride	8.81	6.83	8.77	99.4
1,2 Dichloroethane	10.92	10.66	10.55	97.0
Trichloroethylene	8.02	6.15	7.81	97.4
1,1,2 Trichloroethane	7.92	7.72	7.68	96.4
Tetrachloroethylene	6.01	5.59	5.36	89.5

Microseeps, Incorporated

Standard Operating Procedure for the Analysis of Volatile Organic Compounds in Soil Gas

Controlled Copy No. _____

Dominic Nestasie
Laboratory Director

Signature of Final Approval:

Patrick McLoughlin, Ph.D.
Technical Director

1-21-04
Date

SOP Review Date: January 21, 2004

1.0 Purpose and Application

Method AM4.02 is used to determine the concentration of any volatile organic compound in soil gas samples detectable with a flame ionization detector (FID) or electron capture detector (ECD). This method is recommended for use by, or under the supervision of, analysts experienced in the operation of a gas chromatograph and in the interpretation of a chromatogram.

1.1 Analyte List

pentane	benzene
hexane	toluene
heptane	m & p-xylene
octane	o-xylene
nonane	ethyl benzene
decane	freon 113
chloromethane	bromomethane
vinyl chloride	chloroethane
1,1-dichloroethylene	fluorotrichloromethane
methylene chloride	1,2-dichloropropane
1,1-dichloroethane	bromodichloromethane
1,2-dichloroethane	cis 1,3-dichloropropylene
cis-1,2-dichloroethylene	trans 1,2-dichloroethylene
trans 1,3-dichloropropylene	chloroform
1,1,2-trichloroethane	1,1,1-trichloroethane
chlorodibromomethane	carbon tetrachloride
chlorobenzene	trichloroethylene
bromoform	tetrachloroethylene
1,2-dichlorobenzene	1,1,2,2-tetrachloroethane
1,4-dichlorobenzene	1,3-dichlorobenzene
acetone	methyl t-butyl ether
2-butanone	dodecane
undecane	tetradecane
tridecane	hexadecane
pentadecane	octadecane
heptadecane	

1.2 Matrix

This analytical method is applicable to soil vapors from soil vapor extraction systems as well as stack gases and other forms of vapors that can be collected and injected into either a tedlar bag or the 22 cc glass vial. Alternatively, this method can be used for the measurement of the analytes listed in Section 1.1 in the static headspace of a 22 cc glass vial.

2.0 Method Summary

The volatile organic compounds are analyzed by a gas chromatograph in conjunction with an automatic headspace sampler. A capillary column is used in conjunction with an output splitter connected to an electron capture detector and a flame ionization detector. A microcomputer is used for data storage and processing. Data transfer and analyses are facilitated using a chromatography data system.

2.1 Definitions

Sample Blank: an evacuated vial filled with high purity nitrogen used to eliminate or detect the presence of carryover.

2.2 Method Limitations

Contamination by carryover can occur whenever high-level and low-level samples are sequentially analyzed. The Tekmar 7000 provides continuous flushing of the sample loop and sample valve while in the standby mode between analyses. This flush flow should be maintained and the sample valve and loop should be kept heated.

When compounds are quantified on the FID, it should be remembered that the FID is a minimally selective detector. For some chlorinated hydrocarbons such as the dichloroethenes, confirmation is provided by the ECD. For simple hydrocarbons, no such confirmation is provided. If such confirmation is required, an analysis employing either a second column confirmation or a mass selective detector should be used.

Other analytes, in addition to those listed above, may be applicable to this method. For those analytes, special arrangements must be made, in advance, with Microseeps' Customer Service Department and approved by the Technical Director.

Other interferences that affect the sample analysis can come from sample vials, vial septa, needles, and equipment used to collect the sample. Before and during sample analysis, sample blanks (evacuated vials filled with high purity nitrogen, and sample vials from the field filled with ambient air) should be analyzed to assure the absence of interferences.

3.0 Apparatus, Materials, and Operating Conditions

3.1 Apparatus

- Gas Chromatograph: The Hewlett Packard 5890A Series II plus Gas Chromatograph is equipped with a Restek 502.2, 0.53µm/105m 3.0df capillary column, or equivalent, connected to an electron capture detector and flame ionization detector.

- Headspace Sampler: A Tekmar (Model 7000) equipped with a Tekmar (Model 7050) automated carrousel is used. The carrousel contains 50 slots for headspace vials. The vials are automatically transferred from the carrousel to a platen where they are heated for a preset time prior to injection. The headspace sampler also contains a heated sample valve, heated sample loop and heated transfer line to facilitate transfer of the sample onto the column in the gas chromatograph.

- Data Collection: The output of the chromatograph is directed to a personal computer for data processing with Chrom Perfect software.

3.2 Materials

- Sample vials: 22 ml glass vials (Hewlett Packard #9301-0716 or equivalent). **See note.**
- Septa: Teflon lined septa (Wheaton #224168 or equivalent) may be used.
- High purity (UHP grade) nitrogen gas.
- Certified commercial gas and liquid standards.
- 60 cc and 10 cc luer-lock, gas-tight syringes

Note: Vials should be free of all interfering compounds prior to use. This is accomplished by heating to 105° C for 1 hour followed by purging with pure nitrogen. The septa are heated at the same temperature for the same amount of time. Vials should be tightly capped while still hot, and evacuated to a vacuum of less than 0.1 torr. If the cap can be turned on the vial using a bare hand, then the cap has not been crimped tightly enough. The vial septum should be punctured only with needles of a no larger size than 22-gauge.

3.3 Operating Conditions

3.3.1 Gas Chromatograph:

Flame Ionization Detector Temperature:	250 deg. C.
Electron Capture Detector Temperature:	300 deg. C.
Oven Temperature Program:	
Initial temperature	35 deg. C.
Hold	8 min.

Rate 5°C/min. to		210 deg. C.
Hold		10 min.
Equilibration Time:		2 min.
Initial E.C.D. Signal Range:		4
Initial F.I.D. Signal Range:		4
Hydrogen Pressure:		22 psig.
Flame Air Pressure:		30 psig.
Electronic pressure control:	Flow A:	8 ml/min. (He Carrier)
	Flow C:	set to 40 (N_2 makeup)

3.3.2 Tekmar Sampler:

Platen Temperature:	90 deg. C.
Valve/Loop Temperature:	110 deg. C.
Transfer Line:	140 deg. C.
Sample Equilibration time:	40 min.
Sampling interval:	64 min
Valve Timing:	
Loop Fill	0.25 min.
Loop Equilibration	0.33 min.
Inject to G.C.	1.0 min.
Transfer line back pressure:	35°C @ 17 psi
Vial Pressure Setting:	1 psi

4.0 Reagents

Gas standards or room temperature liquid standards may by used to achieve calibrations. In some situations it may be necessary to use both types of standards.

4.1 Standard Preparation Procedures

All standard preparations are noted in a Standard Preparation Logbook. Commercial gas standards are introduced by filling a septum sealed, evacuated 22ml headspace vial with standard gas. The vials have been filled with nitrogen gas to atmospheric pressure after evacuation. The gas standards are placed in the vials and analyzed in the same manner as described in Section 5.3. The concentrations used are those certified by the manufacturer.

The most concentrated standards are produced from commercially available blends in methanol and the rest are produced through serial dilution of the liquid concentrated standard. The liquid standard solutions and the standards prepared by dilution are injected into a septum-sealed vial that is at atmospheric pressure. The liquid standard then vaporizes. The standard vial is then analyzed in the same manner as a sample vial as described in section 5.3.

4.2 Glassware and Storage Requirements for Reagents and Standards

Once prepared, the liquid standards are stored in glass vials and refrigerated. Stock standards are kept refrigerated at 4°C ±2° in the amber ampoules in which they are received.

5.0 Procedure

Initial Demonstration of Proficiency

Analysts who use this method have been certified for the method by running Initial Demonstration of Proficiency (IDOP) Samples in accordance with Microseeps Standard Operating Procedure for Administering and Documenting Training in Laboratory Procedures and Instrumentation (SOP ADM 02). IDOPs are run any time there is significant change to an instrument, method, or in the Training procedure for training a new analyst.

Samples are processed from 22 ml clear glass vapor vials with a flat septum. The holding time for vapor samples is not specified, but results have shown that recovery is excellent up to and beyond two weeks. Microseeps sampling procedures specify that 40 cc of sample must be injected into each vapor vial. The gas sample vial is pressurized at the time of sampling. This pressure preserves sample integrity since any leakage is out of the vial and does not result in contamination or sample dilution. Samples are to be shipped and stored at ambient air temperature.

5.1 Sample Preparation

Upon receipt and prior to analysis, all vapor samples that are received in 22 ml vials are checked for proper pressurization and noted in the sample receipt logbook located in the laboratory area. If improper pressurization is found, the client will be notified and presented with the option to either dilute and pressurize, or discard the sample. Otherwise, the samples are ready for analysis.

Samples that are received in tedlar bags are prepared by withdrawing a 50 cc sample from the bag using a 60 cc luer-locked syringe. A 10 ml portion of that sample is ejected from the syringe and the remainder is injected into an evacuated 22 ml sample vial. A note stating, "sub-sampling from a tedlar bag was conducted" is put into the case narrative. From that point forward, the 22 ml sub-sample is used for analysis and treated like any other sample.

An in-house study has been conducted and data is shown below in Table 5.1 that evacuated sample vials have a shelf life of at least 4 weeks (28 days) and should be used within that time period. Samples are stored at room temperature in the 22 ml vials until analysis. Instructions for placing a vapor sample into the 22 ml vial is included in Appendix B.

Table 5.1

Vapor Vial Number	Elapsed Time	Vacuum in torr
VV1	Initial	7.6
VV2	Initial	130
VV3	Initial	100
VV4	Initial	7.6
VV5	7 Days	130
VV6	7 Days	150
VV7	7 Days	100
VV8	7 Days	100
VV9	14 Days	130
VV10	14 Days	100
VV11	14 Days	130
VV12	14 Days	130
VV13	21 Days	100
VV14	21 Days	100
VV15	21 Days	100
VV16	21 Days	100
VV17	28 Days	280
VV18	28 Days	100
VV19	28 Days	200
VV20	28 Days	130

5.2 Instrument Calibration

The initial calibration is performed on both detectors. The analytes in the calibration must include all of the analytes that the clients have specified. Depending on the detector's sensitivity and saturation level, a minimum of three and a maximum of six calibration points are used for each compound.

A point-to-point calibration is used for both the ECD and the FID. To verify the validity of the

calibration the analyst checks for monotonic increase in instrument response with increasing analyte concentration.

5.2.1 Calibrating the Flame Ionization Detector

Because the FID gives a response that is much more linear than the ECD, the response factors are calculated for each analyte at each concentration and the relative standard deviation (RSD) of those responses should be less than or equal to 20 %. It is a limitation of the software used that this response factor cannot be used for quantification. The RSD is used only as a check of the calibration quality.

Corrective Action: If the RSD criterion fails to be met, FID analysis is to be stopped, the system is to be inspected. If the problem cannot be remedied by the analyst, the technical director is to be notified and the calibration should not be repeated until corrective action has been taken.

5.2.2 Calibrating the Electron Capture Detector

For the ECD, a point-to-point calibration curve is verified daily using a mid-range calibration standard as a CCV. Percent recovery is calculated and the acceptance criteria are a percent recovery of ± 20%. Calibration tables should be set up using an external standard method with the Chrom Perfect data system.

Corrective Action: If the RSD criterion fails to be met, ECD analysis is to be stopped, the system is to be inspected. If the problem cannot be remedied by the analyst, the technical director is to be notified and the calibration should not be repeated until corrective action has been taken.

5.2.3 Initial Calibration Blank

The initial calibration is immediately followed by an initial calibration blank. This quality control sample is analyzed to ensure that carry over does not occur from the calibration standards to the samples. The ICB must not present any analytes over the reporting limits (see Appendix A).

Corrective Action: If the ICB falls outside of the acceptance criteria, another blank should be analyzed until no analytes are detected over the reporting limit.

5.3 Sample Analysis

- An instrument run or sample batch is defined as twenty or fewer client samples analyzed at one time or on one instrument run.
- The evacuated sample vials should be filled with sample or standard gas to a positive gauge pressure.

- Place the 22 cc sample vials directly into the Tekmar 7050 carrousel and set the operating conditions as in Section 3.3.

- The headspace-sampling unit will preheat the vial, mechanically puncture the septum, transfer the sample to the heated sample loop, and then inject the sample into the column flow stream via a heated transfer line. The flow through the sample loop comes directly from the pressurized sample vial.

- Once the headspace vials are punctured in the headspace unit, the sample loop is allowed to equilibrate to atmospheric pressure just prior to injection. This insures that an accurate and equal volume will be injected each time.

5.3.1 Sample Dilution

Occasionally, a sample will saturate one of the detectors and will require dilution. The second sample vial received will be used for the dilution however, the accuracy of dilution results are in question because of problems inherent in taking the aliquot from an unheated vial.

5.3.2 Retention Time Windows

Compounds are identified by their appearance in previously established retention time windows. These windows are determined by analyzing a standard on three non-consecutive days. The retention times are averaged for each compound and the standard deviation (SD) calculated. The retention time window begins three times the SD before the mean and ends three times the SD after it.

5.4 Quality Control

The following quality control samples shall be analyzed once per analytical batch.

5.4.1 Continuing Calibration Verification

The standard used for the CCV is from a second source, purchased as a certified standard, and purchased from a different vendor than the source used for the initial calibration. This calibration standard is composed of a mixture of the analytes that are being quantitated, but does not contain every compound contained in the initial calibration mixture. Each analyte is present at a concentration within the detector's linear range. The instrument response for the CCV must not vary by more than 25% from the initial calibration.

Corrective Action: If these criteria are not met, another CCV shall be analyzed. If the criteria are still not met, the system shall be recalibrated and all samples that have been run since the last acceptable blank must be re-analyzed.

5.4.2 Continuing Calibration Blank

Each CCV is followed by a continuing calibration blank (CCB). The CCB is analyzed to verify that the GC system is free of contaminants and there is no carry over from the calibration verification. The result of the CCB should not be greater than the reporting limit of any compound being reported.

Corrective Action: If the CCB falls outside of the acceptance criteria, another blank should be analyzed until no analytes are detected over the reporting limit.

5.4.3 Instrument Blank

Between sample analyses, the headspace-sampling loop and transfer line are continually flushed with nitrogen to minimize the chance of instrumental carry over. This nitrogen in the sample loop is injected periodically to check for instrument contamination.

Corrective Action: If a blank fails, all samples that have been run since the last acceptable blank must be reanalyzed after the problem has been corrected. The problem is typically corrected through repeated analysis of blank samples to "wash" the carry over away.

5.4.4 Method Blanks

Before and during sample analysis, method blanks (evacuated vials filled with high purity nitrogen) are analyzed to assure the absence of interferences.

The blank is considered acceptable if no analytes are present in the blank at or above the reporting level.

Corrective Action: If a blank fails, all samples that have been run since the last acceptable blank must be reanalyzed after the problem has been corrected. The problem is typically corrected through repeated analysis of blank samples to "wash" the carry over away.

5.4.5 The Applicability of Standard Quality Control Samples.

For purposes of accuracy, precision, and reliability, the most important elements of the quality control of this methodology are the initial calibration, the continuing calibration verification, and the continuing calibration blank.

Because of the complications inherent in quantitatively spiking a vapor sample and because this analysis was designed to be a cost-effective screening tool, matrix spikes, matrix spike duplicates, and surrogate spikes are not performed. Since the matrix effects that are typically inherent in a vapor sample are minimal, the measurement of matrix effects is not a concern.

5.5 Capturing and Submitting Data

Data transfer and analyses are facilitated using Chromeleon chromatography data system. For any compound analyte list, the data station compiles, organizes, and makes available analytical results. These results are calculated using an external standard method and are processed in raw form by way of a quantitation report. An instrument run-log is maintained during analysis of all samples.

6.0 Secondary Data Review

The analyst is responsible for reviewing and validating the data to insure that all data and quality control samples and blanks are within the specifications outlined in this SOP. The analyst checks all raw data and calculations for reasonableness and accuracy, making sure that sample dilutions are taken into account. Quality control results are rechecked for compliance with acceptance criteria. If any acceptance criteria cannot be met or if any atypical conditions are encountered, a Case Narrative detailing the conditions is written.

6.1 Peer Review

All data derived from this method undergo a peer data review prior to being released into the laboratory information management system (LIMS). This review serves to catch potential errors and as a check on the acceptability of the quality control data. This review may only be done by another analyst who is certified in this method.

7.0 Reporting Limits

Reporting limits for the method analytes are listed in Appendix A at the end of this Standard Operating Procedure.

7.1 Method Detection Limits

Method detection limit studies are run annually and/or when there is reason to suspect that the method sensitivity has changed (i.e. instrument relocation, new column or change in room temperature) in accordance with Microseeps Standard Operating Procedure for the Determination of Method Detection Limits and PQLs (SOP-ADM 18). The MDL studies are kept on file in the Quality Systems Office. The MDL for each analyte must be lower than the reporting limit.

8.0 Safety

Safety glasses are required in all laboratory areas. The proper handling of sharps is a concern in the vapor laboratory area. All needles shall be capped when not in use, using the capping procedure outlined in Microseeps' Chemical Hygiene Plan. For other safety concerns, consult Microseeps' Chemical Hygiene Plan. Material Safety Data Sheets (MSDSs) for all compounds used in this procedure are available in the Microseeps' conference room.

9.0 Waste

All sample waste and laboratory-generated waste shall be handled in accordance with Microseeps' Standard Operating Procedure for Waste Disposal.

9.1 Waste Minimization

Waste minimization is addressed in Microseeps SOP for Waste Disposal.

10.0 References

U.S. Environmental Protection Agency, Method 5000 Series. Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC. 1986.

U.S. Environmental Protection Agency, Method 8000 Series. Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC. 1986.

Appendix A

Table of Reporting Limits

Table I
Vapor Reporting Limits

Analyte	Reporting Lim it (ppmv)
Methane	1
Ethane	1
Propane	1
i-Butane	1
n-Butane	1
Pentane	0.1
Hexane	0.1
Heptane	0.1
Octane	0.1
Nonane	0.1
Decane	0.1
Benzene	0.1
Toluene	0.1
Ethylbenzene	0.1
m/p Xylene	0.1
o-Xylene	0.1
Undecane	0.5
Dodecane	0.5
Tridecane	0.5
Tetradecane	0.5
Pentadecane	0.5
Hexadecane	0.5
Heptadecane	0.5
Octadecane	0.5
TPH (C_{11} - C_{18})	5
Methyl-t-butyl-ether (MTBE)	0.1
Naphthalene	0.1
cis-1,2-Dichloroethylene	0.01
trans-1,2-Dichloroethylene	0.01

Chloroform	0.005
Analyte	**Reporting Lim it (ppmv)**
Vinyl chloride	1
Methylene chloride	2
1,1,1-Trichloroethane	0.005
Carbon Tetrachloride	0.005
Trichloroethylene	0.005
Tetrachloroethylene	0.005
1,1-Dichloroethylene	0.01
1,1-Dichloroethane	0.01
Acetone	1
2-Butanone or MEK	1
4-Methyl-2-pentanone or MIBK	1
2-Hexanone	1
Chlorobenzene	0.1
Styrene	1
2-Chloroethylvinyl ether	1
Dichlorodifluoromethane (freon 12)	0.005
Chloromethane	1
Vinyl chloride	3
Bromomethane* (*Coelute)	1
Chloroethane*	
Fluorotrichloromethane (freon 11)	0.005
1,1-Dichloroethylene	0.01
Methylene chloride	2
trans-1,2-Dichloroethylene	0.1
1,1-Dichloroethane	0.01
Chloroform	0.005
1,1,1-Trichloroethane	0.005
Carbon Tetrachloride	0.005
1,2-Dichlorethane	0.01
Trichloroethylene	0.005
1,2-Dichloropropane	0.01

Bromodichloromethane	0.005
Analyte	**Reporting Limit (ppmv)**
cis-1,3-Dichloropropylene	0.01
trans-1,3-Dichloropropylene	0.01
1,1,2-Trichloroethane	0.005
Tetrachloroethylene	0.005
Chlorodibromomethane	0.005
Chlorobenzene	0.07
Bromoform	0.005
1,1,2,2-Tetrachloroethane	0.005
1,3-Dichlorobenzene	0.07
1,4-Dichlorobenzene	0.07
1,2-Dichlorobenzene	0.07
Benzene	0.07
Toluene	0.07
Ethylbenzene	0.07

Appendix B

Vapor Sample Collection Instructions

1. Equipment: 22 cc sample bottles that have been purged and evacuated by Microseeps prior to shipment; 50 cc disposable syringe; syringe needle.

2. Attach needle to syringe. (If sampling from the vacuum side of an SVE system, attach stopcock between syringe and needle.)

3. Insert needle into air stream to be sampled.

4. Take 50 cc sample and discard.

5. Take 40 cc sample into syringe.

6. Immediately insert syringe needle through septum into 22 cc sample vial. Try to keep the syringe and bottle "in-line" so that the size of the puncture hole in septum is minimized.

7. Compress all of the 40 cc sample into the vial. (Hold the barrel of the syringe firmly in one hand with the plunger "down" and the sample bottle "up" and upside down in the other hand. Compress the plunger by pressing down against a convenient solid object.)

8. While holding plunger compressed, quickly remove bottle from syringe needle keeping the needle "in-line" so as not to increase size of puncture.

9. We recommend that different syringes and needles are used for each sample point. Syringes may be reused provided they are flushed with at least five volumes of clean air between samples.

10. Use only the labels enclosed, and do not attach anything extra to the vials, such as tape, as this will jam the autosampler.

11. Ship samples at ambient air temperature. It is not necessary to cool them.

*Note: The collection of vapor samples may vary depending on the origin of the sample. These instructions are meant to instruct the sampler in placing the collected sample into Microseeps' 22 cc vapor vial.

May 26, 2006

Terracon
Consulting Engineers & Scientists

Terracon Consultants, Inc.
3011B East Capitol Drive
Appleton, Wisconsin 54911
Phone 920.993.9096
Fax 920.993.9108
www.terracon.com

Bluemound Plaza, LLC
c/o Reinhart Boerner Van Deuren
W233 N2080 Ridgeview Parkway
Waukesha, Wisconsin 53188

Attention: Ms. Michelle Williams
Phone: (262) 951-4500
Fax: (262) 951-4690

2685060 40

RE: DERF Proposal
Former Express Cleaners aka Moua Cleaners
19555 W. Bluemound Road
Suite 10
Brookfield, Wisconsin
Terracon Proposal No. 3806137

Dear Ms. Williams:

At your request, Terracon Consultants, Inc. (Terracon) has prepared this proposal to provide environmental consulting services for the above-referenced site (Suite 10). A reimbursement fund, the Dry Cleaner Environmental Response Fund (DERF), is available to provide financial reimbursement of eligible costs your client spends to assess and remediate your property on which a licensed dry cleaner is located. There are specific requirements to which you must adhere to in order to have eligible costs be reimbursement through DERF.

This proposal is written to comply with the Wisconsin Department of Natural Resources (WDNR) requirements for maintaining eligibility for reimbursement of costs covered under DERF. Terracon is experienced at providing consulting services from initial assessment through remediation of impacts, if necessary. We are also aware of the bid contract requirements of NR 169.13 and 169.23, Wisconsin Administrative Code (WAC). Terracon provides consulting services in compliance with the applicable requirements under NR 169 and 700 to 728. Terracon carries insurance coverage in compliance with NR 169.23(9)(b) and can provide documentation of the insurance coverage to you upon acceptance of this proposal.

Terracon understands the scope of your project and the services that will be required. We have the experience and ability to analyze alternatives and design the most suitable response action, if necessary, consistent with technical and economic feasibility, environmental statutes and rules, restoration timeframes, and the latest technical advances.

We will provide necessary staff and facilities for all needed phases of the project including planning, assessment, design, construction, and operation. If necessary, Terracon will retain and confer with specialists on unusual matters. We will provide qualified technical reviewers and project management that will keep you advised on technical and regulatory matters and work toward planned remediation goals. All of Terracon's services are performed in an ethical, professional, and timely manner. We have attached selected project capsules describing related experience.

PROJECT INFORMATION

The site is located at the southeast of the corner of North Janacek Road and West Bluemound Road, Brookfield, Waukesha County, Wisconsin. The site location is depicted on Figure 1, which was reproduced from a portion of the USGS 7.5-minute series topographic map.

The site (Suite 10) has reportedly been operated as a dry cleaner since at least 1989. A Phase I Environmental Site Assessment (ESA) prepared by others noted the potential for impacts resulting from the past site use as a drycleaners. A dry cleaning machine and associated waste drums and 5-gallon filter containers were noted. Stains and spills were noted adjacent the drums.

A hand auger boring (HAB-1) and two push-probe borings (GP-1 and GP-2) were advanced at the approximate locations shown in Figure 2 on November 21, 2005. The hand auger boring, HAB-1, was advanced to a depth of 18 inches. A soil sample was collected at that depth, field-screened using a photoionization detector (PID), and submitted for analysis of volatile organic compounds (VOC). While the PID did not detect VOCs and odors were not noted, the laboratory report indicates that 440 micrograms per kilogram (ug/kg) of tetrachloroethylene or perchloroethylene (PCE) was detected.

The push-probe borings were advanced to depths of 12 feet below ground surface (bgs). PID readings did not indicate VOCs nor were odors noted in the soil samples. While soil samples were not collected from either push-probe, groundwater was encountered at 7 feet bgs and samples were collected for laboratory analysis of VOCs. Naphthalene and chloromethane were detected at concentrations below their NR 140, Wisconsin Administrative Code (WAC), preventative action limits (PAL). PCE was not detected in either groundwater sample.

In response to the initial findings, additional hand auger borings (HAB-3 through HAB-5) were advanced at the approximate locations shown in Figure 2 to further assess the extent of the soil impacts beneath the building located at HAB-1. Hand auger boring HAB-3 was

advanced at the location of hand auger boring HAB-1 to assess the vertical extent of the PCE impacts. As with hand auger boring HAB-1 and push-probe borings GP-1 and GP-2, PID screening did not indicate the presence of VOCs and odors were not noted in the soil. Discrete soil samples were collected for laboratory analysis from depths of 4.5 feet in hand auger boring HAB-3, from 2 feet and 5 feet in hand auger boring HAB-4, and from 2 feet and 4.5 feet in hand auger boring HAB-5. The laboratory report indicates that PCE was not detected in the 4.5-foot sample collected from hand auger boring HAB-3. However, PCE was detected in each soil sample analyzed from hand auger borings HAB-4 and HAB-5 at concentrations ranging from 400 to 1,100 ug/kg. According to the previous consultant, the soil-to-groundwater pathway site-specific residual contaminant level (SSRCL) was calculated to be 58 ug/kg. Each of the detections of PCE in soil exceed this level.

As a precaution, Terracon also reviewed the Wisconsin Department of Natural Resources (WDNR) geographic information system (GIS) registry of closed sites to evaluate whether other potential sources of PCE may be present in the vicinity of the site. Our review indicated that a second source (Stolper Industries, Inc. BRRTS# 02-68-246357) exists at 115 North Janacek Road, several hundred feet to the southwest of the subject site. The groundwater data collected for the Stolper Industries, Inc. site indicates that the shallow groundwater is generally flowing westerly, away from the subject site and towards Poplar Creek. It does not appear that the Stolper Industries, Inc. site is the source of the PCE impacts found at the subject site.

SCOPE OF SERVICES

Terracon has evaluated the assessment data provided with your request for proposal (RFP) and recommends the following scope of services. The scope of services is intended to assess the extent and magnitude of the soil and groundwater impacts such that an NR 716 Site Investigation Report (SIR) can be prepared.

This proposal meets the requirements of the work plan that is required by the WDNR. Because the soil concentrations exceed the soil-to-groundwater pathway SSRCL, Terracon recommends collecting groundwater elevation data and samples from three water table monitoring wells and one piezometer. Since the Stolper Industries, Inc. site data indicates a westerly groundwater flow direction, Terracon recommends advancement of four borings at the approximate locations shown in Figure 2. The borings will be advanced using hollow-stem auger (HSA) drilling methods. Soil samples will be collected continuously to the terminal depth of each boring and the soil types will be logged. Three of these borings (MW-1 through MW-3) will be advanced to approximately 15 feet bgs, approximately 8 feet below the reported depth to groundwater. The fourth boring (PZ-1) will be advanced to approximately 40 feet bgs. Discrete samples will be collected at 2-foot intervals from each

boring. Each unsaturated, discrete sample will be screened using a PID using equivalent headspace methodology. Terracon will containerize an aliquot of the sample which exhibits the highest PID reading or if VOCs are not identified above background levels, from the interval at or above the water table interface and submit the sample to a Wisconsin-certified laboratory for analysis of VOCs. Upon completion of each boring, the water table monitoring wells and piezometer will be constructed per NR 141, WAC. The water table monitoring wells will be constructed using polyvinyl chloride (PVC) well materials and 0.010-inch slotted, 10-foot long, screens. The piezometer will be installed with a 5-foot length of screen. If the PID data or odors indicate that elevated concentrations of VOCs are present, Terracon will contact you to discuss our findings prior to installation of the monitoring wells or piezometer.

Each monitoring well will be completed with a flush grade cover and locking well cap. The monitoring wells will be surveyed to an available vertical datum. After several weeks, during which time the groundwater is expected to enter the monitoring wells and water levels should reach static conditions, Terracon will return to the site to develop the monitoring wells per NR 141, WAC.

Investigation-derived wastes (IDW), soil cuttings and development water, will be containerized in labeled 55-gallon drums for temporary storage on site.

Terracon will conduct at least two rounds of groundwater sampling from each of the wells approximately 90 days apart. Each sampling event will include collection of water level data and analytical samples from the wells. The groundwater elevations will be recorded to the nearest 0.01-foot using an electronic water level indicator. Groundwater samples will be collected using a disposable polyethylene bailer. Groundwater samples will be containerized and transported under proper chain-of-custody procedures to a Wisconsin-certified laboratory for analysis of VOCs and natural attenuation parameters including methane, ethane, ethene; chloride; dissolved oxygen; nitrate as nitrogen; sulfate; manganese; ferrous iron; oxidation-reduction potential (ORP); and total organic carbon (TOC).

Contingency Scenario

The scope of services detailed above reflects an optimistic scenario for obtaining sufficient soil and groundwater data to be able to demonstrate to WDNR that the site does not require further assessment. For this to be realistic, the soil and groundwater analytical results will need to demonstrate very low or non-detectable concentrations of PCE and other VOCs. While plausible, this work plan should account for the need for possible additional soil and groundwater assessment, to avoid multiple requests for scope and funding review. In the

event that soil and/or groundwater data indicates a need for additional assessment, the following services may be required, prior to preparation of a SIR:

- Installation of up to four additional water table monitoring wells;
- Installation of up to two additional piezometers;
- Off-site access negotiations; and
- Up to eight additional rounds of groundwater monitoring for VOCs and natural attenuation parameters.

Terracon has included costs for the additional well installation and sampling in the DERF Site Investigation Bid Sheets. However, if as we proceed with the assessment it becomes apparent that the more optimistic scope of services is sufficient, Terracon will contact you to discuss preparation of the SIR prior to completing the entire scope of services.

Reporting

Following the completion of groundwater sampling activities, Terracon will prepare an NR 716 SIR based upon the results of the assessment activities. An NR 716 SIR will only be appropriate if the assessment has provided data indicating that the extent of the soil and groundwater impacts are delineated to appropriate levels. If the assessment indicates that additional assessment is necessary to determine the extent of the impacts and to evaluate natural attenuation as an option, Terracon will prepare a work plan and cost estimate for those services.

Schedule

Upon WDNR's approval of the work plan, Terracon will begin coordinating the assessment. We anticipate that the initial assessment can be completed within 30 days of WDNR authorization and the second round of groundwater sampling can be completed within five months of WDNR authorization. Our report(s) will be prepared within 60 days of receipt of the analytical reports.

HEALTH AND SAFETY

This work plan assumes that Level D safety precautions are adequate. A health and safety plan will be developed prior to mobilization based on these assumptions. The cost estimate will be increased accordingly should site conditions warrant Level D modified or more stringent health and safety procedures.

PROJECT TEAM

Mr. Jason B. Lowery, P.G. will manage your project with oversight from Mr. Blaine R. Schroyer, P.E. Mr. Schroyer will serve as the NR 712, WAC, Registered Professional Engineer. Mr. Lowery is a hydrogeologist according to NR 712, WAC. Field services may be performed by other Terracon personnel, if appropriate.

As required by NR 712, these staff will meet the appropriate professional requirements necessary for each phase of the project. Resumes are attached.

COMPENSATION

Consulting services are considered "contract services" by the DERF program. Prior to selecting a consultant, DERF requires you to review a minimum of three bids. The intent of this requirement is to allow you to compare experience, qualifications, costs, or other factors you consider important. The DERF program can reimburse for reasonable services provided by your consultant even when they were not the lowest bidder, provided they review and approve the cost estimates provided by your consultant. The intent of this provision is to allow you to select the best consultant based on all factors. Please refer to the attached DERF Site Investigation Bid Sheets for the estimated costs for performing the above-described scope of services.

Terracon will obtain bids for services we do not provide (i.e. laboratory analysis) and select the lowest bidder, unless otherwise instructed. Terracon requests bids from qualified laboratories on an annual basis. Laboratory invoices will be sent to you for direct payment in order to avoid a markup assessed by Terracon. Markups are not reimbursable through DERF. At this time, Terracon is proposing to provide drilling and surveying services using our own equipment and personnel so those services will not be bid. We believe providing these services using our own equipment and personnel will be more cost effective.

Should additional testing or consulting services be advisable because of the conditions encountered, Terracon will bill additional consulting costs based on the rates listed on the attached DERF bid sheet. Only upon your authorization and WDNR's will Terracon complete additional tasks.

Costs for consulting are to be approved by WDNR and our client in order to be eligible for reimbursement. Terracon understands these requirements and does not perform work without your authorization. We will work closely with you on each cost estimate so that together we can present sufficient justification of the costs to WDNR and thereby, maximize your eligibility for reimbursement. The proposed scope of services and any other services

requested by the client will be billed on a time and materials basis.

AUTHORIZATION TO PROCEED

We have attached an Agreement for Services that is incorporated into this proposal. This proposal is valid for 90 days from the date of this proposal. If this proposal meets with your approval, please sign the attached Agreement for Services and return both originals to our office via fax (920) 993-9108 or mail to our Appleton, Wisconsin office.

Terracon appreciates the opportunity to submit this proposal and we look forward to working on this project with you. If you have questions or require additional information, please do not hesitate to contact our office.

Sincerely,
Terracon

Angela Rupp (for)
Jason B. Lowery, P.G.
Project Hydrogeologist

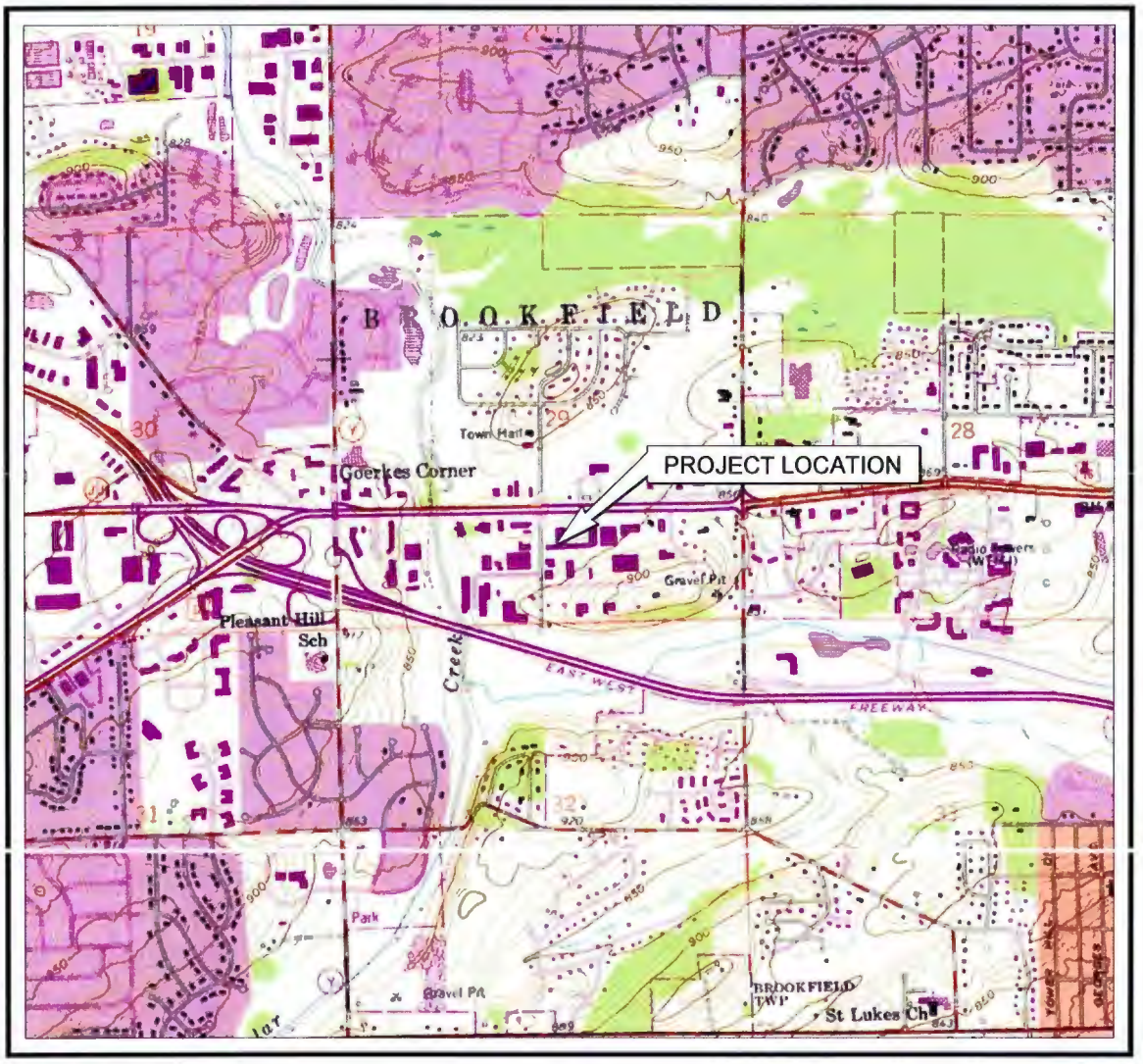
Blaine R. Schroyer, P.E.
Senior Project Engineer

BRS/JBL:brs/N:\Proposal\Environmental\Others\2006\3806137.Former Express Cleaners\3806137.Former Express Cleaners.doc

Attachments – Figures 1 and 2
Consultant Bid Summary Sheets
Agreement for Services
SOQ/Project Capsules
Resumes

Copy to: File

UNITED STATES - DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY



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FEET

WAUKESHA QUADRANGLE

WISCONSIN - WAUKESHA COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)

N

TOPOGRAPHIC MAP
FORMER EXPRESS CLEANERS
19555 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

Project Mngr:	BRS	Project No.	3806137
Designed By:	AJP	Scale:	AS SHOWN
Checked By:	BRS	Date:	5/30/06
Approved By:	BRS	Drawn By:	AJP (38)
File Name:	3806137.dwg Layout1	Figure No.	1

Terracon
3011B E. Capitol Drive
Appleton, WI 54911

DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

APPROXIMATE SCALE: 1" = 70'

LEGEND

- PROPOSED MONITORING WELL LOCATION
- GEOPROBE BORING LOCATION
- HAND AUGER BORING LOCATION

DIAGRAM IS FOR GENERAL LOCATION ONLY,
AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

N

SITE DIAGRAM
FORMER EXPRESS CLEANERS
19555 WEST BLUEMOUND ROAD
BROOKFIELD, WISCONSIN

Project Mngr:	BRS	Terracon	Project No. 3806137
Designed By:	AJP		Scale: 1" = 70'
Checked By:	BRS	3011B E. Capitol Drive Appleton, WI 54911	Date: 5/30/06
Approved By:	BRS		Drawn By: AJP (38)
File Name:	3806137sm.dwg	Layout1	Figure No. 2

DERF Site Investigation Bid Sheet
Consultant Bid Summary

Site Information

Site Name Former Express Cleaners aka Moua Cleaners

Consultant Name Terracon Consultants, Inc. (Terracon)	Applicant Name

Bid Summary

Drilling Costs Total =	**$**	**7,982.50**
Analytical Costs Total =	**$**	**18,202.00**
Consulting Costs Total =	**$**	**16,912.50**
Misc Costs Total =	**$**	**1,520.00**
Grand Total =	**$**	**44,617.00**

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature	Date 5/26/06

Please attach to these forms a written narratige specifying how the tasks outlined in these sheets will be performed.

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF Site Investigation Bid Sheet
Drilling Costs

Drilling Costs						
Task	Interval	Number of Borings or Wells	Number of Days	Total Number Feet Drilled	Cost/feet, Day or Well	Total Cost
Well installation and Completion						
7 MWs and 3 PZs	0 ft to 20 ft			165	$12	$ 1,980.00
3 PZs	20 ft to 50 ft			60	$12	$ 720.00
	___ ft to ___ ft					
	> ___ ft					
Decontamination Costs						
Mobilization Costs						
Auger Borings (continuous sampling)						
7 MWs and 3 PZs	0 ft to 20 ft			165	$10	$ 1,650.00
3 PZs	20 ft to 50 ft			60	$14	$ 840.00
	___ ft to ___ ft					
	> ___ ft					
Decontamination Costs		2				$ 500.00
Mobilization Costs		2				$ 547.50
Auger Borings (specify split spoon sampling interval)						
	___ ft to ___ ft					
	___ ft to ___ ft					
	___ ft to ___ ft					
	> ___ ft					
Decontamination Costs						
Mobilization Costs						
Direct Push Borings (per point)						
	< ___ ft depth					
	___ ft - ___ ft depth					
	> ___ ft depth					
Decontamination Costs						
Mobilization Costs						
Well Development (if done by subcontractor)						
	Monitoring Wells					
	Piezometers					
	Recovery Wells					
Other						
Drums		7			$ 35.00	$ 245.00
Flush Mount Covers		10			$ 150.00	$ 1,500.00
Protector Pipes						
Total Drilling Costs						$ 7,982.50

Costs assume installation of 7 water table monitoring wells and 3 piezometers in two separate stages.

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF Site Investigation Bid Sheet
Analytical Costs

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			
	$/ sample	# samples	Method Used	$/ sample	# samples	Method Used	$/Sample $/Day	# Samples # Days	Method Used	Total Costs
Solids Analysis										
VOCs	60	10								$600.00
TCLP										$0.00
RCRA Metals										$0.00
Duplicate Analyses	60	1								$60.00
Blank Analyses										$0.00
Other: (Specify)										$0.00
										$0.00
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)										
VOCs	60	98								$5,880.00
Nitrate*	10	98								$980.00
Dissolved Oxygen*				2	98					$196.00
Temperature*										$0.00
Ferrous Iron*				2	98					$196.00
Sulfate*				2	98					$196.00
Sulfide*										$0.00
ORP*				0	98					$0.00
pH*										$0.00
TOC*	35	98								$3,430.00
Alkalinity*										$0.00
Chloride*	8	98								$784.00
Spec. Conductance*				0	98					$0.00
Ethene/Ethane/Methane*	50	98								$4,900.00
Hydrogen*										$0.00
Carbon Dioxide*										$0.00
RCRA Metals										$0.00
Duplicate Analyses										$0.00
Blank Analyses										$0.00
Other: (Specify) Mn	10	98								$980.00
										$0.00
Air Analysis										
VOCs										$0.00
TCE										$0.00
PCE (minimum detection limit is <10 ppbv)										$0.00
Other: (Specify)										$0.00
										$0.00
Waste Analyses (soil/water)										
										$0.00
										$0.00
Miscellaneous (specify)										
										$0.00
										$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										$18,202.00

* Natural Attenuation parameters required for consideration of NA as remedy. Ten sampling events assumed.

Terracon will reduce sampling of Natural Attenuation Parameters as appropriate to lower analytical costs.

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF Site Investigation Bid Summary
Consultant Costs

		Hours/Task																		
Position (specify)	Hourly Rate	Workplan Development	Access	Receptor Survey	Waste Determination	Drilling Oversight	Soil Sampling	Drilling sampling	Well Development	Hydraulic Conductivity Test	Groundwater sampling	Soil gas/Vapor intrusion survey	SSRCL calculations (contained out or remedial actions)	SI Report preparation	RAOR Report preparation	Project Management	Other (specify)			Total Costs
Professional Staff																				
Senior Project Manager	$ 105.00		1											5		20				$2,730.00
Project Manager I	$ 85.00		5											35		10				$4,250.00
Staff Professional II	$ 75.00			4	2					2										$600.00
																				$0.00
																				$0.00
Field Staff																				
Staff Professional	$ 65.00					36			2.5	2	86									$8,222.50
																				$0.00
																				$0.00
																				$0.00
																				$0.00
																				$0.00
Office Support Staff																				
Draftsperson	$ 50.00													5						$250.00
Clerical	$ 40.00		0.5	1										10		10				$860.00
																				$0.00
																				$0.00
																				$0.00
Total Consulting Costs																				$16,912.50

Costs assume installation of 7 water table monitoring wells and 3 piezometers in two separate stages

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF SIte Investigation Bid Summary Sheet
Miscellaneous Costs

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
10 Drums	Non-Hazardous	Drum	$ 125.00	10	$ 1,250.00
	Hazardous				
Equipment Rental (list and include shipping costs if applicable)					
Water Level Indicator	Solonist	Day	$ 27.00	10	$ 270.00
PID		Day	$ 95.00	3	$ 285.00
Field Supplies (list)					
Surveying					
Personal Protection Equipment (list)					
Sample Shipping Costs					
Other (specify)					
Total Miscellaneous Costs					$ 1,520.00

Reminders: DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimburseable. No expedited shipping w/o prior PM approval.

Terracon

AGREEMENT FOR SERVICES

This **AGREEMENT** is between Former Express Cleaners aka Moua Cleaners ("Client") and Terracon Consultants, Inc. ("Consultant") for Services to be provided by Consultant for Client on the 19555 West Bluemound Road, Suite 10 project ("Project"), as described in the Project Information section of Consultant's Proposal dated 5/26/06 ("Proposal") unless the Project is otherwise described in Exhibit A to this Agreement (which section or Exhibit are incorporated into this Agreement).

1. **Scope of Services**. The scope of Consultant's services is described in the Scope of Services section of the Proposal ("Services"), unless Services are otherwise described in Exhibit B to this Agreement (which section or exhibit is incorporated into this Agreement). Portions of the Services may be subcontracted. Consultant's Services do not include the investigation or detection of, nor do recommendations in Consultant's reports address the presence or prevention of biological pollutants (e.g., mold, fungi, bacteria, viruses, or their byproducts) or occupant safety issues, such as vulnerability to natural disasters, terrorism, or violence. If Services include purchase of software, Client will execute a separate software license agreement. Consultant's findings, opinions, and recommendations are based solely upon data and information obtained by and furnished to Consultant at the time of the Services.

2. **Acceptance.** Client agrees that execution of this Agreement is a material element of the consideration Consultant requires to execute the Services, and if Services are initiated by Consultant prior to execution of this Agreement as an accommodation for Client at Client's request, both parties shall consider that commencement of Services constitutes formal acceptance of all terms and conditions of this Agreement. Additional terms and conditions may be added or changed only by written amendment to this Agreement signed by both parties. In the event Client uses a purchase order or other form to administer this Agreement, the use of such form shall be for convenience purposes only and any additional or conflicting terms it contains are stricken. This Agreement shall not be assigned by either party without prior written consent of the other party.

3. **Change Orders.** Client may request changes to the scope of Services by altering or adding to the Services to be performed. If Client so requests, Consultant will return to Client a statement (or supplemental proposal) of the change setting forth an adjustment to the Services and fees for the requested changes. Following Client's review, Client shall provide written acceptance. If Client does not follow these procedures, but instead directs, authorizes, or permits Consultant to perform changed or additional work, the Services are changed accordingly and Consultant will be paid for this work according to the fees stated or its current fee schedule. If project conditions change materially from those observed at the site or described to Consultant at the time of proposal, Consultant is entitled to a change order equitably adjusting its Services and fee.

4. **Compensation and Terms of Payment.** Client shall pay compensation for the Services performed at the fees stated in the Compensation section of the Proposal unless fees are otherwise stated in Exhibit C to this Agreement (which section or Exhibit is incorporated into this Agreement). If not stated in either, fees will be according to Consultant's current fee schedule. Fee schedules are valid for the calendar year in which they are issued. Consultant may invoice Client at least monthly and payment is due upon receipt of invoice. Client shall notify Consultant in writing, at the address below, within 15 days of the date of the invoice if Client objects to any portion of the charges on the invoice, and shall promptly pay the undisputed portion. Client shall pay a finance fee of 1.5% per month, but not exceeding the maximum rate allowed by law, for all unpaid amounts 30 days or older. Client agrees to pay all collection-related costs that Consultant incurs, including attorney fees. Consultant may suspend Services for lack of timely payment.

5. **Third Party Reliance.** This Agreement and the Services provided are for Consultant and Client's sole benefit and exclusive use with no third party beneficiaries intended. Reliance upon the Services and any work product is limited to Client, and is not intended for third parties. For a limited time period not to exceed three months from the date of the report, Consultant will issue additional reports to others agreed upon with Client, however Client understands that such reliance will not be granted until those parties sign and return Consultant's reliance agreement and Consultant receives the agreed-upon reliance fee.

6. **LIMITATION OF LIABILITY. CLIENT AND CONSULTANT HAVE EVALUATED THE RISKS AND REWARDS ASSOCIATED WITH THIS PROJECT, INCLUDING CONSULTANT'S FEE RELATIVE TO THE RISKS ASSUMED, AND AGREE TO ALLOCATE CERTAIN OF THE RISKS SO, TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL AGGREGATE LIABILITY OF CONSULTANT (AND ITS RELATED CORPORATIONS AND EMPLOYEES) TO CLIENT AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE GREATER OF $100,000 OR ITS FEE, FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF CONSULTANT'S SERVICES OR THIS AGREEMENT REGARDLESS OF CAUSE(S) OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, OR OTHER RECOVERY. THIS LIMITATION SHALL NOT APPLY TO THE EXTENT THE DAMAGE IS PAID UNDER CONSULTANT'S COMMERCIAL GENERAL LIABILITY POLICY.**

7. **Indemnity/Statute of Limitations.** Consultant and Client shall defend, indemnify, and hold harmless the other, their agents, and employees, from and against legal liability for all claims, losses, damages, and expenses to the extent such claims, losses, damages, or expenses are caused by their negligent acts, errors, or omissions. In the event such claims, losses, damages, or expenses are caused by the joint or concurrent negligence of Consultant and Client, they shall be borne by each party in proportion to its own negligence under comparative fault principles. Causes of action arising out of Consultant's services or this Agreement regardless of cause(s) or the theory of liability, including negligence, indemnity or other recovery shall be deemed to have accrued and the applicable statute of limitations shall commence to run not later than the date of Consultant's substantial completion of services on the project.

8. **Warranty.** Consultant will perform the Services in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. **CONSULTANT MAKES NO WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, RELATING TO CONSULTANT'S SERVICES AND CONSULTANT DISCLAIMS ANY IMPLIED WARRANTIES OR WARRANTIES IMPOSED BY LAW, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

9. **Insurance**. Consultant represents that it now carries, and will continue to carry: (i) workers' compensation insurance in accordance with the laws of the states having jurisdiction over Consultant's employees who are engaged in the Services, and employer's liability insurance ($1,000,000); (ii) commercial general liability insurance ($1,000,000 occ / $2,000,000 agg); (iii) automobile liability insurance ($1,000,000 B.I. and P.D. combined single limit); and (iv) professional liability insurance ($1,000,000 claim / agg). Certificates of insurance will be provided upon request. Client and Consultant shall waive subrogation against the other party on all general liability and property coverage.

Agreement Reference Number (Terracon Proposal or Project Number):3806137

10. **CONSEQUENTIAL DAMAGES. NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR LOSS OF PROFITS OR REVENUE; LOSS OF USE OR OPPORTUNITY; LOSS OF GOOD WILL; COST OF SUBSTITUTE FACILITIES, GOODS, OR SERVICES; COST OF CAPITAL; OR FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT, PUNITIVE, OR EXEMPLARY DAMAGES.**

11. **Dispute Resolution.** Client shall not be entitled to assert a Claim against Consultant based on any theory of professional negligence unless and until Client has obtained the written opinion from a registered, independent, and reputable engineer, architect, or geologist that Consultant has violated the standard of care applicable to Consultant's performance of the Services. Client shall provide this opinion to Consultant and the parties shall endeavor to resolve the dispute within 30 days, after which Client may pursue its remedies at law. This Agreement shall be governed by and construed according to Kansas law.

12. **Subsurface Explorations**. Subsurface conditions throughout the site may vary from those depicted on logs of discrete borings, test pits, or other exploratory services. Client understands Consultant's layout of boring and test locations is approximate and that Consultant may deviate a reasonable distance from those locations. Consultant will take reasonable precautions to reduce damage to the site when performing Services; however, Client accepts that invasive services such as drilling or sampling may damage or alter the site. Site restoration is not provided unless specifically included in the Services.

13. **Testing and Observations**. Client understands that testing and observation are discrete sampling procedures, and that such procedures indicate conditions only at the depths, locations, and times the procedures were performed. Consultant will provide test results and opinions based on tests and field observations only for the work tested. Client understands that testing and observation are not continuous or exhaustive, and are conducted to reduce - not eliminate - project risk. Client agrees to the level or amount of testing performed and the associated risk. Client is responsible (even if delegated to contractor) for notifying and scheduling Consultant so Consultant can perform these Services. Consultant shall not be responsible for the quality and completeness of contractor's work or their adherence to the project documents, and Consultant's performance of testing and observation services shall not relieve contractor in any way from its responsibility for defects discovered in its work, or create a warranty or guarantee. Consultant will not supervise or direct the work performed by contractor or its subcontractors and is not responsible for their means and methods.

14. **Sample Disposition, Affected Materials, and Indemnity**. Samples are consumed in testing or disposed of upon completion of tests (unless stated otherwise in the Services). Client shall furnish or cause to be furnished to Consultant all documents and information known or available to Client that relate to the identity, location, quantity, nature, or characteristic of any hazardous waste, toxic, radioactive, or contaminated materials ("Affected Materials") at or near the site, and shall immediately transmit new, updated, or revised information as it becomes available. Client agrees that Consultant is not responsible for the disposition of Affected Material unless specifically provided in the Services, and that Client is responsible for directing such disposition. In the event that test samples obtained during the performance of Services (i) contain substances hazardous to health, safety, or the environment, or (ii) equipment used during the Services cannot reasonably be decontaminated, Client shall sign documentation (if necessary) required to ensure the equipment and/or samples are transported and disposed of properly, and agrees to pay Consultant the fair market value of this equipment and reasonable disposal costs. In no event shall Consultant be required to sign a hazardous waste manifest or take title to any Affected Materials. Client shall have the obligation to make all spill or release notifications to appropriate governmental agencies. The Client agrees that Consultant neither created nor contributed to the creation or existence of any Affected Materials conditions at the site. Accordingly, Client waives any claim against Consultant and agrees to indemnify and save Consultant, its agents, employees, and related companies harmless from any claim, liability or defense cost, including attorney and expert fees, for injury or loss sustained by any party from such exposures allegedly arising out of Consultant's non-negligent performance of services hereunder, or for any claims against Consultant as a generator, disposer, or arranger of Affected Materials under federal, state, or local law or ordinance.

15. **Ownership of Documents**. Work product, such as reports, logs, data, notes, or calculations, prepared by Consultant shall remain Consultant's property. Proprietary concepts, systems, and ideas developed during performance of the Services shall remain the sole property of Consultant. Files shall be maintained in general accordance with Consultant's document retention policies and practices.

16. **Utilities**. Client shall provide the location and/or arrange for the marking of private utilities and subterranean structures. Consultant shall take reasonable precautions to avoid damage or injury to subterranean structures or utilities. Consultant shall not be responsible for damage to subterranean structures or utilities that are not called to Consultant's attention, are not correctly marked, including by a utility locate service, or are incorrectly shown on the plans furnished to Consultant.

17. **Site Access and Safety.** Client shall secure all necessary site related approvals, permits, licenses, and consents necessary to commence and complete the Services and will execute any necessary site access agreement. Consultant will be responsible for supervision and site safety measures for its own employees, but shall not be responsible for the supervision or health and safety precautions for any other parties, including Client, Client's contractors, subcontractors, or other parties present at the site.

18. **Termination**. Either party may terminate this Agreement or the Services upon written notice to the other. In such case, Consultant shall be paid costs incurred and fees earned to the date of termination plus reasonable costs of closing the project.

Consultant: **Terracon Consultants, Inc.**	Client: **Former Express Cleaners aka Moua Cleaners**
By: _____ Date: **5/26/06**	By: _____ Date: _____
Name/Title: **Blaine Schroyer, Office Manager**	Name/Title: _____
Address: **3011B East Capitol Drive**	Address: _____
Appleton, Wisconsin 54911	_____
Phone: **920.993.9096** Fax: **920.993.9108**	Phone: _____ Fax: _____

Agreement Reference Number (Terracon Proposal or Project Number):3806137

Company Profile

Our Mission

Delivering Success for Clients and Employees

Our Vision

We continue to view our company as a vital and growing consulting firm of engineers and scientists, providing multiple related service lines to clients at local, regional and national levels. All of our services are delivered on a timely basis with consistently high value and attention to clients needs.

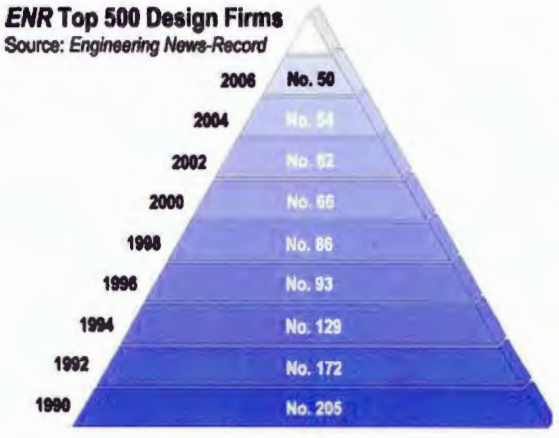
Terracon is a dynamic and growing consulting firm providing multiple related service lines to clients at local, regional and national levels. Our services are delivered on a timely basis with consistently high value and attention to client needs. Services include:

- Geotechnical
- Environmental
- Construction Materials
- Related Services:
  - Pavement
  - Facilities
  - Information Technology

Since 1965, our employee-owned firm has *delivered success for clients and employees*. We help our clients succeed in their business ventures by effectively executing projects, controlling costs and managing risk. Our clients appreciate this approach, and they know that we intend to be with them for the long term.

Terracon provides services on thousands of projects each year. Our culture, systems and structure enable us to excel at both small and large projects. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect.

Whether you do business down the street or across the country, we offer a variety of related services through a national network of more than 80 offices to meet your single- or multi-site needs. Our responsiveness, high quality deliverables, practical solutions and competitive fees afford clients with an easier way of doing business that saves time and money.



Corporate Headquarters
16000 College Boulevard
Lenexa, Kansas 66219
913.599.6886 phone
913.599.0574 fax
www.terracon.com

Terracon

Services

Geotechnical

Design and construction of functional, cost-effective structures require a thorough understanding of local soil, rock and groundwater conditions. Terracon provides a wide range of services to support all phases of a project, from preliminary design through completion of the building process.

- Subsurface exploration and testing
- Foundation analysis and design
- In-situ testing and performance monitoring
- Earth structures, slopes and retention systems
- Dynamic analysis and evaluation
- Soil stabilization and ground improvement
- Groundwater control
- Pavement design and subgrade evaluation

Environmental

Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical and make good business sense.

- Site assessments and investigations
- Remedial design and implementation
- Brownfield/site redevelopment
- Natural resources/wetlands delineation/mitigation
- Industrial hygiene, health and safety
- Asbestos/lead/mold/indoor air quality
- Regulatory compliance
- Environmental management systems
- Solid waste planning and design

Construction Materials

Proper selection, quality and workmanship of construction materials play a vital role in ensuring that today's buildings and infrastructure perform adequately over long time periods. We work with clients to minimize material replacements, reduce the likelihood of deterioration, avoid potential failures, and investigate and evaluate construction materials related problems and failures when they do occur.

- On-site observation and monitoring
- Construction quality control and quality assurance programs
- Field and laboratory testing and analysis
- Design and review of concrete, grout and asphaltic concrete mixes
- Structural steel nondestructive testing
- Consulting for construction material selection, compatibility and acceptability
- Forensic investigation and evaluation of in-place construction materials
- Pavement materials engineering and construction management

Related Services

Pavement Services

Our experience in design, construction and evaluation of pavement and slab systems allows us to address pavement challenges.

- Load-deflection nondestructive testing
- Pavement evaluation using ground penetrating radar (GPR)
- Repair and rehabilitation designs
- Failure analysis

Facilities Services

We develop solutions and strategies to assist in the acquisition, construction and management of facilities.

- Property condition assessments
- Forensic investigations
- Roof/waterproofing
- MEP
- Foundation/structural
- Life cycle cost analysis
- ADA/code compliance surveys
- Peer review
- Construction administration
- Seismic assessments

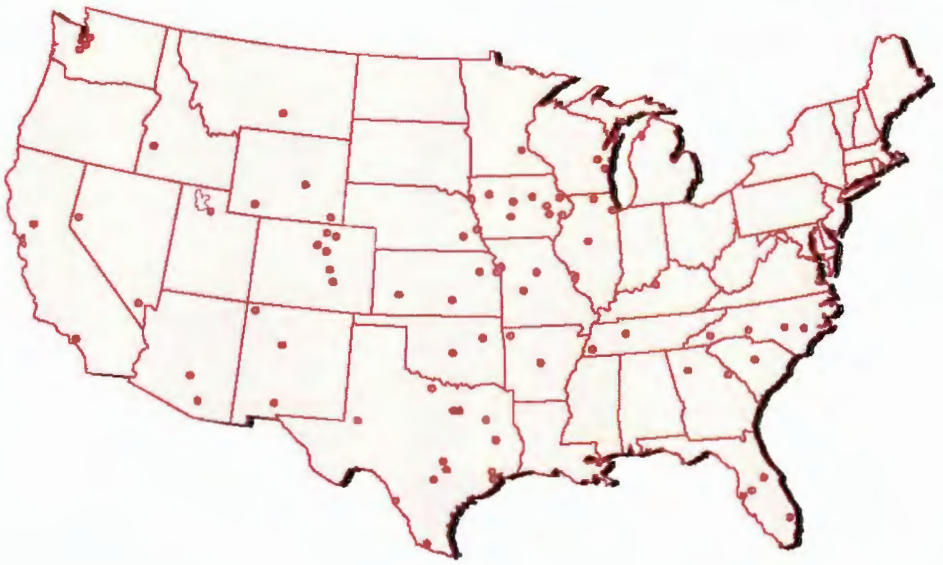
Information Technology Solutions

We provide IT solutions to our clients in formats that best serve the environment of their applications.

- Application and database development
- Mobile data collection
- Web enabled applications
- Geographic Information Systems (GIS)

Terracon

Office Locations



Arizona
Phoenix
Tucson

Arkansas
Little Rock
Springdale

California
Costa Mesa
Sacramento

Colorado
Colorado Springs
Denver
Fort Collins
Greeley
Longmont
Pueblo

Florida
Ft. Lauderdale
Orlando
Tampa

Georgia
Atlanta

Idaho
Boise

Illinois
Bloomington
Chicago
Rockford

Iowa
Ames*
Bettendorf
Cedar Falls
Cedar Rapids
Des Moines
Dubuque
Iowa City
Sioux City*
Storm Lake

Kansas
Garden City
Kansas City

Kansas (cont)
Topeka
Wichita

Kentucky
Louisville

Minnesota
St. Paul

Missouri
Camdenton*
Columbia
Kansas City
St. Louis

Montana
Billings

Nebraska
Lincoln
Omaha

Nevada
Fernley*
Las Vegas
Reno

New Mexico
Albuquerque
Farmington
Las Cruces

North Carolina
Asheville*
Charlotte
Greenville
Raleigh

Oklahoma
Oklahoma City
Tulsa

South Carolina
Columbia

Tennessee
Memphis
Nashville

Texas
Austin
Dallas
Fort Worth
Houston

Texas (cont)
Laredo
Lufkin
Midland*
Pharr
Round Rock
San Antonio
Texas City
Wichita Falls

Utah
Salt Lake City

Washington
Lynnwood
Seattle
Tacoma

Wisconsin
Appleton/Green Bay
Milwaukee

Wyoming
Casper
Cheyenne
Rock Springs

Terracon

* Project Office

Environmental Services

Terracon conducted a comprehensive site assessment and site investigation, and later provided remedial oversight services for one of the largest brownfield redevelopment projects to date in the U.S., the 72-acre Victory Development, which includes the American Airlines Center in Dallas.

Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical and make good business sense.

From the most basic property assessment to complex industrial compliance issues, Terracon's services are designed with the client in mind. We consistently blend goals and budgets with sound technical knowledge for maximum results. These services are conducted from our extensive network of local offices. By combining our national resources with specific local area expertise, we consistently overcome obstacles and deliver the results our clients expect.

Terracon's professionals have a thorough understanding of local conditions and regulations, and know how to effectively manage the potential risks presented by hazardous materials and chemical releases that have impacted a site. In addition to working for thousands of private sector clients, Terracon routinely develops and implements environmental solutions in support of local municipalities and state agencies.

Our environmental services include:

- Site assessments and investigations
- Remedial design and implementation
- Brownfield/site redevelopment
- Natural resources/wetlands delineation/mitigation
- Industrial hygiene, health and safety
- Asbestos/lead/mold/indoor air quality
- Regulatory compliance
- Environmental management systems
- Solid waste planning and design

Terracon

Environmental Services

Site Assessments & Investigations

Terracon performed environmental due diligence services for a multi-site, fast-track acquisition that was being undertaken by a national firm. Approximately 25 site assessors and numerous support staff from 17 Terracon offices worked together to provide Phase I ESAs at 495 facilities in 30 states.

Terracon conducts a variety of assessments ranging from ASTM Phase I environmental site assessments (ESAs) to extensive subsurface investigations. Our ability to provide the full range of assessment and investigation services is enhanced by our complete field service capability, as well as our diverse staff of professionals. Terracon has performed over 40,000 Phase I ESAs and more than 10,000 site investigations over the last 20 years.

Phase I Environmental Site Assessments

The purpose of an ESA is to identify recognized environmental conditions (RECs) that may impact the property. Phase I activities typically involve the collection and review of information concerning:

- Physical setting
- Regulatory records
- Historical use
- Site and adjoining property reconnaissance
- Interviews with persons/agencies familiar with site
- Previous report review

Depending upon the age and use of the property, sampling for asbestos, lead, radon or mold may also be recommended as part of the Phase I.

Site Investigations

If a recognized environmental condition is identified in the Phase I ESA, a limited site investigation (LSI) is typically recommended. The LSI (usually referred to as a Phase II) is designed to obtain additional information relative to potential contamination by collecting and analyzing samples of soil, water and other materials. The scope of an LSI is site specific. Components typically include one or more of the following:

- Surface water and soil sampling and analysis
- Subsurface soil sampling and analysis
- Groundwater monitoring well installation and sampling
- Soil-vapor surveys
- Aquifer testing
- Sampling and analysis of potential hazardous materials

To support quality field efforts, Terracon owns and operates some of the most advanced technological equipment available (mobile Geoprobes, vapor analyzers, geophysical instrumentation, etc.) plus a fleet of truck and track mounted drill rigs and remedial service trucks.

Terracon

Environmental Services

Remedial Design & Implementation

This multi-phase extraction (MPE) was used to remove a combination of phase-separated product, contaminated groundwater, and vapor contaminants in a single stream from the subsurface. This system was funded through a state Leaking Underground Storage Tank (LUST) trust fund.

Recognized as a leader in the environmental industry, Terracon develops remedial solutions that give you a competitive advantage in your specific market. Our solutions, developed by experienced environmental professionals, combine proven engineering services with forward thinking and innovative technologies. Our ability to provide environmental engineering services for a wide variety of tasks ensures strong technical support throughout all phases of the project. The results are cost-effective and timely solutions that balance economic resources to environmental challenges.

Corrective Action Plans

Remediation services typically require the development and implementation of a corrective action plan. The selected actions may require additional assessment, design of remedial systems, pilot testing and life-cycle cost estimates.

Remedial System Design Development

Intent on helping clients reduce project costs and expedite site cleanup, Terracon develops bid documents and design specifications associated with subcontractor services for excavation, construction, operation, maintenance and monitoring. We also have the experience to design and operate our own remedial systems including pump and treat systems, soil vapor extraction systems, and bioremediation systems.

Remedial Construction

Terracon constructs, performs system start-up, operates and maintains remedial treatment systems ranging from bio-farming to solidification to air-desorption.

Remedial System O&M

Once a remedial system has been implemented, Terracon works with the client to maintain the system and keep it operating efficiently. This includes periodic sampling, monitoring, and maintenance activities.

Competitive Advantages

✓	Responsiveness
✓	High Quality Deliverables
✓	Practical Solutions
✓	Competitive Fees
✓	Multiple Service Lines
✓	National Network of Offices
✓	Projects of All Sizes
✓	Ethics and Integrity
✓	Financial Strength
✓	Employee Ownership
✓	Strong Work Ethic
✓	Results

Terracon

Soil Beneath Hospital Basement Floor Impacted by Chlorinated Solvents

Milwaukee, WI

Client:
Confidential

Contact:
Confidential

Project Manager:
Mylan A. Koski Jr.

Date:
2004-Ongoing

Fee:
$24,000

Highlights:

Soil Impacted with Solvents

Assessment Beneath Existing Structures

Assessment Within Highly Sensitive Environment

Low-Clearance Portable Push-Probe Equipment

Soil Excavation

Background

Terracon was requested to assess chlorinated solvent-impacted soil during major renovation of a hospital. Construction workers observed the impacted soil during removal of a grease trap from the kitchen floor, located within the basement of the hospital. Installed flush with the basement floor, the grease trap extended into the subsurface approximately three to four feet. Due to the necessity of keeping the kitchen fully operational, construction of the kitchen was completed in phases. Considering all factors involved, extensive coordination between Terracon, hospital administrative staff and the general contractor was required to conduct the soil assessment.

Services

In order to assess the extent of chlorinated solvent-impacted soil, Wisconsin Department of Natural Resources (WDNR) required horizontal and vertical delineation of impacted soil within the basement of the hospital. Terracon and the contractor worked closely to expedite characterization, assessment, excavation and disposal of the impacted soil. Demanding construction schedules required that removal of soil impacts and assessment of remaining impacts be completed quickly. Terracon performed work on weekends in order to minimize disruptions to hospital staff and patients.

Concrete coring and soil probing locations were carefully chosen and completed by utilizing "low-clearance" push-probe soil probing equipment. Soil and groundwater samples were collected from the subsurface sufficient to delineate the horizontal and vertical extent of chlorinated solvent impact beneath the hospital. Future efforts may involve additional groundwater assessment and the use of deed instruments to close the site.

Terracon

Ag-Chemical Contamination Remediation

Albert Lea, MN

Client:
Imperial, Inc.
1280 Imperial Road
Hampton, Iowa 50441

Contact:
Mr. Maury Gulbranson
(515) 456-2500

Project Manager:
Blaine R. Schroyer, P.E.

Date:
1994-1999

Fee:
$500,000

Highlights:

Soil Assessments, Remediation and Disposal

Groundwater Monitoring

Detail Electromagnetic Survey

Constant Communication Between Parties

Cost Savings to Client

Client Avoided Threat of Regulatory Action

Terracon began work on the project as a replacement for another consultant. At that time, some preliminary soil assessment had been performed and a groundwater monitoring network had been installed. The site was separated into two distinct projects based on the manufacturing use of one portion of the property and the retail distribution use of the remaining property. Terracon completed soil assessment activities and proposed remedial actions including excavation and landspreading of impacted soil for the retail distribution portion.

Several canceled pesticides subject to federal land-ban restrictions were found in the soil on the manufacturing property. Terracon performed a remedial options evaluation and selected a remedial action plan that included on-site thermal desorption and reuse of the thermally treated soil as backfill material. The thermal desorption of chlorinated compounds was conducted as a pilot project for the State of Minnesota with approval from the Minnesota Department of Agriculture (MDA), the Minnesota Pollution Control Agency (MPCA) Division of Air Quality, the City of Albert Lea and Freedom County, Minn., and proved successful.

Terracon conducted assessment and remedial actions related to two areas where dumping and burning had occurred. Canceled pesticides were also a concern. A remedial options evaluation identified excavation of the debris surrounding soil impacts followed by off-site treatment and disposal as the preferred option. Soil and debris were treated using wet oxidation and microencapsulation. The treated materials were then landfilled at a SARA Subtitle C landfill. The contaminants involved included canceled pesticides, currently registered pesticides, volatile organic compounds, semi-volatile compounds and inorganics in various commingled combinations in the soil and groundwater.

After most of the exterior assessment and remediation had been completed, Terracon sampled the interior of the formulating tower by coring and wipe sampling. The tower was subsequently removed and disposed as debris at a Subtitle C landfill.

The project involved three responsible parties, only one of which was the current property owner. This required extensive negotiation and coordination, and was accomplished only through constant communication. As a result of Terracon's services, the client avoided regulatory conflicts including the threat of the site being placed under the control of the Minnesota Superfund program. The remedial options selected resulted in more extensive remediation at a reduced cost.

Terracon

Chlorinated Solvent Assessment

Beaver Dam, WI

Client:
Confidential

Contact:
Confidential

Project Manager:
Blaine R. Schroyer, P.E.

Date:
2001-2002

Fee:
$8,000

Highlights:

Chlorinated Solvents

Push-Probe Soil Assessment

09 Closure "No Action Required"

Terracon provided Due Diligence services to facilitate purchase of a portfolio of printing facilities. The Phase I Environmental Site Assessment (ESA) indicated that additional sampling was warranted to evaluate if solvents had been discharged to the on-site septic system.

The results of the limited site assessment indicated that low concentrations of chlorinated solvents were present. Terracon performed an assessment to further delineate the chlorinated solvents. Each of the samples collected did not contain the chlorinated solvents above the method detection limit.

In response, a report was prepared that requested the Wisconsin Department of Natural Resources (WDNR) consider reclassifying this site as an "09" site. Reclassification of the site meant that the WDNR concluded that the reported release of chlorinated solvent was insignficant and did not require assessment.

The site owner was able to obtain a General Liability Clarification letter from WDNR indicating the site status, which provided sufficient assurance to a buyer and allowed the sale of the site.

Terracon

Chlorinated Solvent Assessment

Waupaca, WI

Client:
Confidential

Contact:
Confidential

Project Manager:
Blaine R. Schroyer, P.E.

Date:
2001-Ongoing

Fee:
$155,000

Highlights:

Bedrock Well Installation

Sensitive Receptor Assessment

Push-Probe Soil Assessment

Bedrock Fracture Analysis

Calculation of Site-Specific Residual Cleanup Goals

Soil Excavation

Monitored Natural Attenuation

Background

Terracon was retained in April 2001 for environmental services associated with chlorinated solvent impacts at a small manufacturing facility. The facility had previously been used as an assembly plant for overhead garage door openers, for wallpaper manufacturing, and lumber milling. Previous assessments revealed that soil underneath and adjacent to the facility contained chlorinated solvents and diesel range organics (DRO). Groundwater assessments at the site had been generally unsuccessful due to the presence of fractured granite bedrock.

Services

In order to assess groundwater impacts at the site, the Wisconsin Department of Natural Resources (WDNR) required monitoring wells installed within the fractured granite.

Terracon installed monitoring wells in October 2001 and conducted a Sensitive Receptor Assessment. The monitoring wells yielded groundwater impacted with chlorinated solvents, which prompted the need for additional assessment. Excavation of soil impacted above direct-contact pathway cleanup goals was excavated and a bedrock depression where concentrations were focused was observed. Following soil removal, the site was subdivided to allow for sale of portions of the property. Terracon installed additional monitoring wells and has implemented ongoing groundwater monitoring to establish whether monitored natural attenuation of the remaining groundwater impacts is an acceptable final remedial alternative.

Terracon

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

07/01/2006

DATE (MM/DD/YY) 06/21/2005

PRODUCER
Lockton Companies
444 W. 47th Street, Suite 900
Kansas City Mo 64112-1906
(816) 960-9000

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
1054987
Terracon Consultants, Inc.
Ms. Natalie Terry
16000 College Blvd.
Lenexa KS 66219

INSURER A: AMERICAN INTERNATIONAL SPECIALTY**
INSURER B: **LINES INSURANCE COMPANY
INSURER C: AN AIG COMPANY, A+XV (ST. LOUIS)
INSURER D:
INSURER E:

COVERAGES TERCO01 PC

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC	PROP3779274	07/01/2005	07/01/2006	EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 1,000,000
	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS [ ] HIRED AUTOS [ ] NON-OWNED AUTOS	NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ XXXXXXX $ XXXXXXX $ XXXXXXX $ XXXXXXX
	GARAGE LIABILITY [ ] ANY AUTO	NOT APPLICABLE			AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ XXXXXXX $ XXXXXXX $ XXXXXXX
A	EXCESS LIABILITY [X] OCCUR [ ] CLAIMS MADE [ ] DEDUCTIBLE [X] UMBRELLA FORM [ ] RETENTION $	PROU3779275 (EXCLUDES PROF.LIAB.)	07/01/2005	07/01/2006	EACH OCCURRENCE AGGREGATE	$ 5,000,000 $ 5,000,000 $ XXXXXXX $ XXXXXXX $ XXXXXXX
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	NOT APPLICABLE			WC STATU-TORY LIMITS [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ XXXXXXX $ XXXXXXX $ XXXXXXX
A	OTHER CONTRACTOR'S POLLUTION LIABILITY	CPO 1330339	07/01/2005	07/01/2006	$1,000,000 EACH OCCURRENCE AND $1,000,000 IN THE ANNUAL AGGREGATE.	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER
2283984
SPECIMEN

ADDITIONAL INSURED; INSURER LETTER: ____

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

For questions regarding this certificate, contact the number listed in the 'Producer' section above and specify the client code 'TERCO01'.

This certificate is executed by Liberty Mutual Insurance Group as respects such insurance as is afforded by those companies. BM0068

Certificate of Insurance

This certificate is issued as a matter of information only and confers no rights upon you the certificate holder. This certificate is not an insurance policy and does not amend, extend, or alter the coverage afforded by the policies listed below.

This is to certify that (Name and address of Insured)

Terracon Consultants, Inc.
16000 College Blvd
Lenexa, KS 66219

Liberty Mutual

is, at the issue date of this certificate, insured by the Company under the policy(ies) listed below. The insurance afforded by the listed policy(ies) is subject to all their terms, exclusions and conditions and is not altered by any requirement, term or condition of any contract or other document with respect to which this certificate may be issued.

Expiration Type	Expiration Date(s)	Policy Number(s)	Limits of Liability	
☐ Continuous*	07/01/2006	WA2-14D-425411-045	**Coverage afforded under WC law of the following states:**	**Employers Liability**
☐ Extended	07/01/2006	WC2-141-425411-065		**Bodily Injury By Accident** $1,000,000 **Each Accident**
☒ Policy Term			AK, AR, AZ, CA, CO, FL, GA, IA, ID, IL, KS, KY, MN, MO, MT, NC, ND, NE, NM, NV, OK, SC, TN, TX, UT, WI, WY	**Bodily Injury By Disease** $1,000,000 **Policy Limit**
Workers Compensation				**Bodily Injury By Disease** $1,000,000 **Each Person**
General Liability			**General Aggregate-Other than Prod/Completed Operations**	
☐ Claims Made ☐ Occurrence			**Products/Completed Operations Aggregate**	
			Bodily Injury and Property Damage Liability	**Per Occurrence**
Retro Date			**Personal and Advertising Injury**	**Per Person / Organization**
			Other Liability	**Other Liability**
Automobile Liability	07/01/2006	AS2-141-425411-075	**Each Accident - Single Limit - B. I. and P. D. Combined** $1,000,000	
☒ Owned ☒ Non-Owned ☒ Hired			**Each Person**	
			Each Accident or Occurrence	
			Each Accident or Occurrence	

COMMENTS

*WA Policy includes deductible endorsement with $350,000 deductible per occurrence/claims (disease) with the provision that Liberty Mutual will (may) advance payment of the deductible amount.

*If the certificate expiration date is continuous or extended term, you will be notified if coverage is terminated or reduced before the certificate expiration date. However, you will not be notified annually of the continuation of coverage.

Special Notice - Ohio: Any person who, with intent to defraud or knowing that he / she is facilitating a fraud against an insurer, submits an application or files a claim containing a false or deceptive statement is guilty of insurance fraud.

Important information to Florida policyholders and certificate holders: in the event you have any questions or need information about this certificate for any reason, please contact your local sales producer, whose name and telephone number appears in the lower left corner of this certificate. The appropriate local sales office mailing address may also be obtained by calling this number.

Notice of cancellation: (not applicable unless a number of days is entered below). Before the stated expiration date the company will not cancel or reduce the insurance afforded under the above policies until at least **30** days notice of such cancellation has been mailed to:

Office : OVERLAND PARK, KS **Phone:** 913-681-1700

Christina Gravely

CHRISTINA GRAVELY

Authorized Representative

Certificate Holder:

For Information Purposes Only
16000 College Blvd
Lenexa, KS 66219

Date Issued: 06/30/2005 **Prepared By:** CH

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

01/01/2007

DATE (MM/DD/YY) 05/16/2006

PRODUCER
Lockton Companies
444 W. 47th Street, Suite 900
Kansas City Mo 64112-1906
(816) 960-9000

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
1047626
Terracon Consultants, Inc.
Ms. Natalie Terry
16000 College Blvd.
Lenexa KS 66219

INSURER A: CONTINENTAL CASUALTY COMPANY**
INSURER B: **(V.O. SCHINNERER)
INSURER C:
INSURER D:
INSURER E:

COVERAGES PC

THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER AND THE CERTIFICATE HOLDER.

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
	GENERAL LIABILITY	NOT APPLICABLE			EACH OCCURRENCE	$ XXXXXXX
	☐ COMMERCIAL GENERAL LIABILITY				FIRE DAMAGE (Any one fire)	$ XXXXXXX
	☐ CLAIMS MADE ☐ OCCUR				MED EXP (Any one person)	$ XXXXXXX
					PERSONAL & ADV INJURY	$ XXXXXXX
					GENERAL AGGREGATE	$ XXXXXXX
	GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG	$ XXXXXXX
	☐ POLICY ☐ PRO-JECT ☐ LOC					
	AUTOMOBILE LIABILITY	NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident)	$ XXXXXXX
	☐ ANY AUTO				BODILY INJURY (Per person)	$ XXXXXXX
	☐ ALL OWNED AUTOS				BODILY INJURY (Per accident)	$ XXXXXXX
	☐ SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	$ XXXXXXX
	☐ HIRED AUTOS					
	☐ NON-OWNED AUTOS					
	GARAGE LIABILITY	NOT APPLICABLE			AUTO ONLY - EA ACCIDENT	$ XXXXXXX
	☐ ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$ XXXXXXX
					AGG	$ XXXXXXX
	EXCESS LIABILITY	NOT APPLICABLE			EACH OCCURRENCE	$ XXXXXXX
	☐ OCCUR ☐ CLAIMS MADE				AGGREGATE	$ XXXXXXX
	☐ DEDUCTIBLE ☐ UMBRELLA FORM					$ XXXXXXX
	☐ RETENTION $					$ XXXXXXX
						$ XXXXXXX
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	NOT APPLICABLE			☐ WC STATU-TORY LIMITS ☐ OTH-ER	
					E.L. EACH ACCIDENT	$ XXXXXXX
					E.L. DISEASE - EA EMPLOYEE	$ XXXXXXX
					E.L. DISEASE - POLICY LIMIT	$ XXXXXXX
A	OTHER PROFESSIONAL LIABILITY	EXN 114141026	01/01/2006	01/01/2007	$2,000,000 EA CLAIM & $2,000,000 IN THE ANNUAL AGGREGATE.	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER ☐ ADDITIONAL INSURED; INSURER LETTER: ____

2574225
SPECIMEN

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Terracon Consultants, Inc.
Balance Sheet
December 31, 2005

Assets		
Current Assets		
Cash & Cash Equivalents	$	1,132,560
Accounts Receivable & Work-In-Progress (net of allowance)		53,481,152
Other Current Assets		815,591
Total Current Assets		55,429,303
Equipment & Leasehold Improvements (net)		7,510,682
Intangible Assets		13,977,289
Other Assets		140,000
Total Assets		**77,057,274**
Liabilities		
Current Liabilities		
Accounts Payable/Accrued Expenses		14,813,126
Deferred Income Taxes		16,975,100
Current Portion of Long-Term Debt		6,935,000
Total Current Liabilities		38,723,226
Long-Term Debt		25,027,098
Deferred Income Taxes		703,500
Total Liabilities		64,453,824
Stockholder's Equity		12,603,450
Total Liabilities & Stockholders' Equity	**$**	**77,057,274**

In my opinion, the above balance sheet of Terracon Consultants, Inc. presents fairly, in all material respects, the financial position of Terracon Consultants, Inc. as of December 31, 2005 in conformity with accounting principals generally accepted in the United States of America.

Roger R. Herting

Roger R Herting, CPA
Chief Financial Officer

BLAINE R. SCHROYER, P.E.
OFFICE MANAGER

PROFESSIONAL EXPERIENCE

Mr. Schroyer is a project engineer with 15 years of environmental project experience. As office manager for Terracon's Appleton, Wisc., office, his responsibilities include administering staff and projects covering the range of services Terracon offers. Mr. Schroyer provides client development, project management, project cost management and report review services for his office. He also provides technical support and review for other projects and other Terracon offices.

Mr. Schroyer focuses on projects involving pesticides, herbicides and other unique chemicals. He also has experience in all aspects of site assessments and remediation for petroleum releases. Mr. Schroyer manages several sites involving mixed contaminants. During the past several years, he has been called upon to coordinate and manage large-scale project efforts involving more than two dozen Terracon personnel and regions including North Dakota, Ohio and Texas.

Mr. Schroyer has designed and implemented research on the transport and fate of herbicides through the vadose zone. This work included the development of analytical methods using high performance liquid chromatography (HPLC) and ion chromatography (IC), and a comparative analysis of field and laboratory results.

PROJECT EXPERIENCE

- **Former Chrome Plating Facility – Kaukauna, Wisconsin**
  Performed a treatment system evaluation for an existing carbon absorption/ion exchange groundwater treatment system designed to remove solvents and chromium. Proposed improvements enhanced system performance dramatically, decreasing the required life of the system. The system continues to operate and has removed approximately 400 pounds of chromium from the groundwater since 2001. The property is owned by Outagamie County and funded/managed by the Wisconsin Department of Natural Resources.

- **Former Landfill Assessment and Closure – Westport, Wisconsin**
  Prepared an investigative work plan to determine whether or not a former demolition landfill which had accepted paint solvents and medical waste had impacted groundwater to the extent that could necessitate active remediation. Cost-saving methods employed reduced estimated costs from greater than $100,000 to $50,000. The site is being considered for redevelopment due to its proximity to the Bishop's Bay Country Club.

- **Pesticide Formulating Site – Albert Lea, Minnesota**
  Performed assessment of soil and groundwater impacts, evaluation of risk-based cleanup goals and survey of remedial options. Project resulted in remediation of multiple classes of contaminants, including RCRA chemicals, using on-site thermal desorption technology, a first for chlorinated compounds in Minnesota, and microencapsulation.

- **Former Power Pole Treatment Site – Willmar, Minnesota**
  Performed assessment of soil and groundwater impacts involving pentachlorophenol, diesel and dioxins/furans with evaluation of remedial options resulting in limited excavation followed by enhanced bioremediation and phytoremediation.

EDUCATION

Master of Science, Civil Engineering, 1999, University of Minnesota

Bachelor of Science, Civil and Environmental Engineering, 1991, University of Wisconsin

REGISTRATIONS

Professional Engineer: Wisconsin, Minnesota

AFFILIATIONS

American Society of Civil Engineers

Wisconsin Federation of Cooperatives

WORK HISTORY

Terracon, Project Engineer/Office Manager, 1997-present; Environmental Engineer, 1994-1997; Environmental Engineer, 1992

USGS/University of Minnesota, Hydrologist/Research Assistant, 1992-1994

Bureau of Land Management, Land Surveyor, 1990-1991

Terracon

PROJECT EXPERIENCE (continued)

- **Brownfield Redevelopment – Grand Chute, Wisconsin**
  Coordinated Phase I and II environmental site assessments (ESA), asbestos demolition survey and wetland delineation and permitting and developed a remedial action plan which allowed two otherwise blighted and under-taxed properties to be developed into a large retail business. Contaminants included metals, petroleum and solid wastes.

- **Agricultural Facilities Acquisition – Multiple States**
  Coordinated site visits of six site assessors for due diligence purposes. The team members visited 130 sites in seven states in a two-week period. The data was used to select sites for Phase II actions. Phase II efforts were then coordinated at seven of the sites, resulting in exclusion of environmental liabilities amounting to more than $500,000. All efforts were completed within a five-week period.

- **Spill Prevention, Control and Countermeasures (SPCC) Plans – Large Portfolio**
  Managed site visits, evaluation and preparation of SPCC plans for a local utility company for their substations, hydroelectric generation facilities, coal-fired plants, natural gas plants, diesel plants, nuclear plant, warehouses and operations facilities. The total number of facilities was nearly 200.

- **Petroleum Pipeline Spill**
  Researched and developed a stream bed sediment sampling plan for a large petroleum spill. More than 500,000 gallons of unleaded gasoline containing nine percent methyl tert-butyl ether (MTBE) was released to an intermittent stream bed extending approximately 28 miles to a water supply reservoir. Assessment of the stream bed sediments for the entire 28 miles was complete within seven days of initiation. Sediment sampling was repeated on affected reaches two more times. A cross-sectional sampling plan was implemented, perennial pool sampling was conducted and monitoring wells were installed to assess the stream/groundwater interactions. The data was utilized to evaluate appropriate remedial actions for the stream bed sediments. As a result of the data obtained, active cleanup of the stream bed sediments was avoided.

PUBLICATIONS/PRESENTATIONS

Schroyer, Blaine R., *Remediation of Chlorinated Pesticides using Thermal Desorption* (Presentation), presented at the State Approaches to Agricultural Cleanups, Minnesota Department of Agriculture Conference in St. Paul, Minnesota, February 18-19, 2000.

Schroyer, Blaine R., G.N. Delin, M.K. Landon, K.J. Nelson, R.B. Wanty, R.W. Healy, H.W. Olsen, J.K. Bohlke and P.D. Capel, *Hydrogeologic and Water Quality Data Used to Evaluate the Effects of Focused Recharge on Groundwater Quality Near Princeton, Minnesota, 1991-1995.* U.S. Geological Survey, Open file report 97-21.

Schroyer, Blaine R. and Paul D. Capel, *A High-Performance Liquid Chromotography-Based Screening Method for the Analysis of Atrazine, Alachlor, and Ten of Their Transformation Products* (Proceedings of American Chemical Society, 1996), pp. 34-42.

Schroyer, Blaine R., Paul D. Capel, Lin Ma, Steven J. Larson and Therese A. Gilchrist, *Analysis and Detection of the New Corn Herbicide Acetochlor in River Water and Rain.* Environmental Science and Technology, Vol. 29, No. 6, 1995.

JASON B. LOWERY, P.G.

PROJECT HYDROGEOLOGIST
TERRACON, INC.

PROFESSIONAL EXPERIENCE

Mr. Lowery is a Project Hydrogeologist in the Appleton office. He provides several forms of project support and management. These include work plans, assessment reports, data interpretation, bid solicitation and contracts, cost estimating and tracking, proposals, and field work, to include soil and groundwater sampling, treatment system monitoring, and oversite of excavation, well and remediation system installation, and site assessment activities. He is a Wisconsin-registered Professional Geologist and Wisconsin-certified asbestos inspector.

Mr. Lowery has performed approximately 25 Phase I Environmental Site Assessments and been involved in the preparation of several additional Phase I Environmental Site Assessment-related reports. Tasks performed include site reconnaissance, historical interviews, historical records reviews, reviews of government databases, and report writing.

Mr. Lowery is experienced in preparation of NEPA Screens and associated Section 106 reports. He also has experience with groundwater modeling, GIS software applications, and is familiar with drafting.

EDUCATION

Master of Science, Geohydrology, 2001, Illinois State University

Bachelor of Arts, Geology, 1994, Lawrence University

REGISTRATIONS

Professional Geologist: Wisconsin

OSHA 40 hour HAZWOPER

Licensed Asbestos Building Inspector, Wisconsin

WORK HISTORY

Terracon Inc., Hydrogeologist, 2001-present

Illinois State University, Teaching Assistant, 1999-2001

PROJECT EXPERIENCE

- **Wisconsin Chrome Facility – Kaukauna, Wisconsin**
  Conducted weekly monitoring and maintenance of an ion exchange and carbon filtration groundwater treatment system at a chromium-impacted site for approximately one year. Wrote quarterly reports updating site status.

- **Wausau Brownfields – Wausau, Wisconsin**
  Assisted with Phase I Environmental Site Assessments and conducted Phase II Environmental Site Assessments at multiple sites, to include geoprobe assessments, monitoring well installations, groundwater sampling, and Phase II Environmental Site Assessment Reports.

- **Former Badgerland Farm Center – Whitewater, Wisconsin**
  Oversaw excavation of nitrogen and pesticide-impacted soil. Oversaw installation of a groundwater extraction system, to include sump, groundwater extraction laterals, and treatment system. Oversaw installation of and sampled monitoring wells as part of a collaborative research project involving multiple universities and other organizations. Wrote groundwater monitoring reports to include recommendations.

- **Moore-O-Matic Facility – Waupaca, Wisconsin**
  Involved with several stages of project including soil assessment activities, writing of Soil Assessment Report and Remedial Action Plan, overseeing removal of contaminated soil, writing of Remedial Action Report, and management of groundwater monitoring activities to include writing of groundwater monitoring reports.

- **Nextel NEPA Screens – Arizona**
  Wrote approximately fifteen NEPA reports for Nextel cell tower sites in Arizona. Duties included considering affects of cell towers on critical habitats and places of cultural significance, and correspondence with

state SHPO office and Native American tribes.

PROJECT EXPERIENCE (CONTINUED)

- **United Cooperative – South Beaver Dam, Wisconsin**
  Oversaw site assessment activities at nitrogen- and petroleum-impacted site. Utilized mobile laboratory analytical data to delineate extents of soil impacts at site. Oversaw soil remedial actions to include excavation of approximately 11,402 cubic yards of soil. Wrote Remedial Action Report and well installation work plan.

- **Anadarko Petroleum Facility –Lodi, Wisconsin**
  Oversaw site assessment activities at nitrogen and pesticide-impacted site. Utilized mobile laboratory analytical data to partially delineate extents of soil and groundwater impacts at site, and prepared Site Assessment Report. Oversaw soil remedial actions to include excavation of approximately 3,616 cubic yards of soil. Wrote Remedial Action Report documenting excavation activities.

- **Former Crop Production Services – Monroe, Wisconsin**
  Oversaw monitoring well installation and site assessment activities at nitrogen-and pesticide-impacted site. Assessed soil and groundwater analytical data and prepared Site Assessment Report and Remedial Action Plan for removal of nitrogen impacts. Wrote Remedial Action Report documenting excavation activities and annual groundwater monitoring reports.

- **Former Tomorrow Valley Cooperative – Schofield, Wisconsin**
  Wrote work plan to utilize a push-probe to delineate atrazine- and nitrate-impacted groundwater within a sand and gravel aquifer on top of crysalline bedrock. Coordinated to advance borings at multiple depths at several locations on city right-of-ways potentially downgradient from the source area and upgradient from city wells. Utilized data from push-probe assessment to plan installation of downgradient monitoring wells and piezometers.

- **Sam's Wholesale Club – Grand Chute, Wisconsin**
  Oversaw soil impact delineation and soil excavation activities at site impacted primarily by petroleum and metals. Prepared Case Summary and Close Out Request and Geographic Information Systems (GIS) Registry information.

- **Asbestos Inspections**
  Conducted both renovation/demolition level asbestos surveys and limited asbestos surveys for several sites in Wisconsin and a site in Iowa. Facility types included farmsteads, manufacturing facilities, warehouse facilities, a liberal arts college, a marina, and a house.

Letter of Transmittal

To: Wisconsin Department of Natural Resources
Southeast Region - Headquarters Office
P.O. Box 12436
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212
Attn: Remediation and Redevelopment Program

From:
Name: Amy Haak
Company: Alpha Terra Science
Address: 1237 S. Pilgrim Rd
Plymouth WI 53073
Phone: 920 892-2444
Date: 5/23/06

Site Name: Express Cleaners
Site Address: 19555 W. Bluemound Rd
Suite 10, Brookfield
FID #: 268506040
BRRTS #: 02-68-544712

Please check the type(s) of documents you have enclosed. Submittals will be tracked and filed based on the information you provide. Be sure to include the FID and BRRTS numbers which have been assigned to the site, and identify the **intent** of the document(s) you are submitting in order to speed processing.

__LUST __ERP __Spill __ACT 453 Purchaser Liability^ __ACT 453 Municipal^
X Other (describe) DERF

✓ CHECK	PURPOSE OF DOCUMENT/REPORT:	DNR CODE
	Notification of Release	01^
	Tank Closure/Site Assessment *where release(s) have been detected* *	33
	Site Investigation Workplan	35
	Site Investigation Report __groundwater impacts	37
	__no groundwater impacts	76^
	Off-Site Determination Request	90
	Remedial Action Plan	39
	Site Specific Clean-Up Goal Proposal	90
	NR 718 Landspreading Request	61
	Copy of Notification to Treat or Dispose of Contaminated Soil or Water	99
	Injection/Infiltration Request	63
	Quarterly Report or Update	43
	O & M Form 4400-194	92
	Remedial Action Report	41
	Closure Review Request	79^
	Simple Site Closure Report *using NR700.11 process*	79^
	Copy of Draft Deed Affidavit or Restriction required for close-out	51/52
	Well Abandonment Form	99
	PECFA Form 4-B (for completed remediation only)	44
X	Other (please describe): Proposal - DERF Program	90/99^

* "Clean" closures should be sent directly to the DNR Remediation and Redevelopment Program, P.O. Box 7921, Madison, WI 53707 attn: Julie Weber

Remarks: Mark Drews is project manager

ALPHA TERRA
SCIENCE

May 23, 2006

Alpha Terra Science, Inc.
1237 S. Pilgrim Road, Plymouth, WI 53073
TEL 920/892-2444 FAX 920/892-2620
Website: www.alphaterra.net
E-mail: alphaterra@alphaterra.net

Mr. Tim Timmerman
Bluemound Plaza, LLC
c/o Mr. Don Gallo
Reinhart, Boerner & Van Deuren
PO Box 2965
Milwaukee, WI 53201-2965

RE: Proposal for DERF Investigation for Former Express Cleaners, 19555 W. Bluemound Road, Brookfield, WI WDNR BRRTS # 02-68-544712

Dear Mr. Timmerman:

Thank you for requesting a proposal from Alpha Terra Science for the site investigation at the Former Express Cleaners location in Bluemound Plaza. During our conversations you expressed the importance of completing the investigation quickly so you can make plans for future rental of the tenant space. You also indicated closure with as few restrictions as possible is desired. These factors were taken into account while developing the proposed scope of work including:

- Preparation of a Site Investigation Work Plan.
- Installation of eight direct push borings to 14 feet and one direct push boring to 24 feet. All borings will be indoors in Suite 10 and Suite 12.
- Installation of small diameter wells in six of the borings.
- Retain 13 soil samples for laboratory analysis of volatile organic compounds (VOCs) and 4 soil samples for analysis of total organic carbon
- Develop and survey the small-diameter wells. Retain 6 groundwater samples for VOC analysis from the small-diameter wells
- Installation of two sub-slab vapor probes through the floor
- Drum investigative waste and make disposal arrangements as necessary.
- Data evaluation and interpretation
- Preparation of a Site Investigation Report

If groundwater contamination extends beyond the building footprint, groundwater monitoring wells installed to NR141 code requirements will be necessary. For cost comparison purposes, we have included a task for installation of 4 monitoring wells per NR141 code, including one piezometer to 24 feet and three water table wells to 14 feet. If NR141 wells need to be installed,

collection of four additional soil samples for laboratory analysis of VOCs and five groundwater samples (including a duplicate) for VOC and natural attenuation parameters would be necessary.

BACKGROUND INFORMATION

Express Cleaners was located in Suite 10 of a multi-tenant building on the southeast corner of North Janacek Road and West Bluemound Road in Brookfield, WI. The building is slab-on-grade construction and has more than 20 tenant suites. Drycleaning has been conducted in Suite 10 since at least 1989. The suite was vacated several months ago.

The drycleaning machine was located along the eastern wall of Suite 10. Tetrachloroethene (PCE) was the cleaning solvent used in the machine. Nova Consulting Group (NOVA) conducted initial site reconnaissance and environmental sampling in late 2005 and reported there were indications of spills and staining near waste PCE drums behind the dry cleaning machine (NOVA Phase II Environmental Site Assessment dated November 29, 2005). This report also states five-gallon containers used to store the dry cleaning filters were left uncovered and were also stored near the dry cleaning machine. Cleaning solvents were brought into and out of the drycleaners through the back door.

In November of 2005, NOVA advanced a boring (HAB-1) adjacent to the location of the former drycleaning machine and obtained a soil sample for laboratory testing (Figure 1). PCE was present in the soil sample. Additionally, two borings (GP-1 and GP-2) were advanced, one in front and one in the rear of the building (Figure 1). Groundwater was encountered at a depth of approximately seven feet below grade while drilling and temporary monitoring wells were installed in these borings to facilitate collection of groundwater samples. No PCE was detected in either groundwater sample.

Three additional soil borings (Figure 2) were augered near the drycleaning machine in December 2005 for purposes of additional delineation and to aid the WDNR in determining if contaminant concentrations were high enough to warrant further investigation. On January 12, 2006, the WDNR issued a letter stating an investigation was necessary and BRRTS number 02-68-544712 was assigned to the site. The assigned project manager is Mr. Mark Drews from the WDNR Waukesha office.

OBJECTIVE

The purpose of the project is to define the extent of PCE and related breakdown products in the site soil and, if necessary, groundwater. Sufficient detail is needed to evaluate potential remedial options.

Based on the initial soil sampling results, the observed contaminant levels are fairly low. During our on-site meeting, you indicated you would like cleanup conducted so there are the fewest number of restrictions placed on the property as possible. Excavation of contamination beneath the building would be the fastest way to accomplish soil remediation, if all contaminated soils

can be accessed this way and groundwater contamination is minimal. The site conditions need to be adequately characterized so potential remedial action options can be specified.
Experience on other drycleaner solvent release sites has shown that the WDNR will also require evaluation of the potential for contaminant vapors to migrate to other parts of the building. Testing of sub-slab vapors is included as a task in our proposal so this can be done coincident with initial investigative activities.

PROPOSED SCOPE OF WORK

The scope of work and cost estimate has been broken down on a task-by-task basis for your convenience. As the project unfolds and results become known, it is likely tasks may vary from the proposed scope of work. The WDNR may require additional borings, or the site conditions may necessitate changes to the project. To maintain DERF eligibility, all changes to the scope of the project and the budget will be discussed and approved by you and the WDNR project manager prior to implementation.

Services will be performed in accordance with Chapters NR 169, NR 140, NR 141, and NR 700 *et seq* of the Wisconsin Administrative Code. Alpha Terra Science will provide to the WDNR, upon request, all documents and records related to the contracted services.

Task 1: Preparation/Approval of an NR 716 Site Investigation Work Plan

Per WDNR regulations, a Site Investigation Work Plan Report will be prepared and submitted to the WDNR for review and approval. The Work Plan will include information included in this proposal, with some additional background regarding local geology and sampling methods.

The Work Plan can be completed within one week of signed authorization to proceed on the project. Approval of the Work Plan by the WDNR is a requirement for reimbursement under DERP. The WDNR project manager has up to 45 days to respond to the Work Plan and the site investigation will not be initiated until this approval is obtained. Should you decide to conduct the investigation without reimbursement benefits, WDNR approval of the plan is not necessary and investigative work can be conducted after submittal of the plan.

Task 2: Site Investigation: Geoprobe Borings and Small-diameter Wells

During Phase II drilling activities, groundwater was encountered at a depth of approximately seven feet below grade. PCE concentrations in the soil samples analyzed for the Phase II decreased with depth, and in the case of the sample from HAB-3, PCE was not detectable at a depth of 4.5 feet (Figure 1). Clean groundwater samples from GP-1 and GP-2, combined with the low concentrations in the soil, indicate it is likely the contaminant plume is confined to the area underneath the building.

The objective of this phase of the project is to define the extent of contamination in both the soil and groundwater. The fastest, least expensive, and least disruptive method to evaluate the extent of contamination is with a direct-push drill rig. Since both entrance doors are small, a drill rig

mounted on a hand cart will be utilized so drilling can be conducted in close vicinity to the drycleaning machine and drum storage area. The drill bit is used to make a two-inch hole in the floor and then a 4-foot long sampling tube is pushed into the ground. The recovered samples are retained for geologic description, field screening for the presence of contaminants, and laboratory analysis.

A total of nine borings are proposed for installation as shown on Figure 1. The proposed borings target suspected areas of released drycleaning solvents and attempt to define the horizontal and vertical extent of previously detected contamination. One boring will be advanced to a depth of 14 feet directly under the former drycleaning machine location (source area) to evaluate the PCE concentrations right at the source. A second boring will be installed adjacent to this location and advanced to a depth of 24 feet to aid in the definition of the vertical extent of soil and groundwater contamination in this area (piezometer). The remaining borings will be advanced around the source area to define the lateral extent of contamination.

Small-diameter (approximately 1") monitoring wells will be installed in six of the soil borings, including both in the source area, for groundwater sampling purposes. The well screen and casing will be made of PVC and filter-pack sand and a bentonite seal will be placed around the well screen and casing. A pre-pack well screen will be utilized for the piezometer to ensure there is no bridging of the filter pack or bentonite seal during installation, and to eliminate the potential for migration of contamination vertically downward in this borehole. All wells will be completed flush with the ground surface, with traffic weight covers and watertight lids. Although 1-inch diameter wells do not meet the construction requirements of NR 141, it is expected a variance for their installation and monitoring can be obtained from the WDNR.

During drilling, soils will be continuously sampled, and field screening for the presence of VOCs will be conducted using a photoionization detector (PID). In general, the borings will be advanced until field PID measurements indicate contamination is no longer significant or to a depth of 14 feet below grade.

A minimum of one soil sample from each Geoprobe boring will be submitted to the laboratory for analysis of VOCs. The soil sample selected for analysis from each boring will be from the depth of the most elevated concentration based on odor and PID response. If no obvious impacts are apparent, the sample for lab analysis will be retained from the contact with native soils, if it is in a possible source release area, or from the depth where nearby borings had detected PCE. In an effort to define the vertical extent of contamination, additional soil samples will be obtained from greater depths in four borings, for a total of 13 soil samples.

Four soil samples will also be retained for evaluation of total organic carbon. Knowledge of the amount of organic carbon in the soil is necessary for calculation of site-specific soil clean-up levels.

Task 3: Sub-slab Vapor Sampling

Two sub-slab vapor probes will be installed, one in Suite 10 and one in Suite 12. The purpose of the vapor sampling is to evaluate the magnitude and extent of PCE or other chlorinated solvents immediately beneath the building floor. This testing will establish a baseline concentration to compare with post-remediation levels, and will also provide sample points that may be useful during evaluation of any sub-floor vapor extraction system. The WDNR has been requiring vapor monitoring at locations where multiple tenants share building with a business where a release of chlorinated solvents has occurred.

Vapor probes will consist of small diameter brass fittings and copper tubing cemented into the floor and sealed with a threaded cap. The probes will tap the air just below the basement floor. Installation and sampling procedures previously approved by the WDNR on other drycleaning sites will be utilized.

Task 4: NR 141 Well Installations (if necessary)

If the extent of groundwater contamination is not defined through the installation of the small-diameter wells located within the building, installation of NR 141 wells around the building perimeter will be required. Data obtained from the small-diameter wells (e. g. groundwater flow direction and contaminant concentrations) will be useful in determining appropriate locations for these wells. At this time, this task is only considered necessary if groundwater contamination extends beyond the building footprint.

If groundwater contamination is present inside the building at low concentrations, it will be necessary to perform an evaluation of the changes in the contaminant concentrations over time. To evaluate groundwater for long-term trends, the WDNR may require the installation of monitoring wells per NR141 code requirements. We will seek permission to monitor contaminant trends in the 1-inch diameter wells, but the WDNR may require installation of larger diameter wells. These 2-inch diameter PVC wells are installed using a drilling rig that advances an 8-inch diameter borehole. The recovered soil cuttings will be containerized and kept on site in drums until disposal arrangements can be made.

Upon installation, the monitoring wells will be surveyed and developed. The development water will also need to be drummed and stored on site. Once lab results have been obtained, proper disposal methods can be determined for the drummed materials. Four drums of soil cuttings (one per well) and one drum of purge water have been assumed for proposal purposes. Costs for disposal of the drummed material have been estimated in this proposal.

After the NR 141 wells have been installed and developed, groundwater will be sampled using low-flow methods for laboratory analysis of VOCs and natural attenuation parameters. These compounds allow for an evaluation of the ability of the existing groundwater to naturally degrade the contamination. The parameters of analysis will include methane, ethane, ethene, sulfate, nitrate plus nitrogen, and dissolved iron. One duplicate groundwater sample will also be

collected for QA/QC purposes, for a total of 5 groundwater VOC analyses and four natural attenuation parameter samples.

Often the WDNR requires completion of one year of quarterly groundwater monitoring to evaluate trends in contaminant levels over time. At this point, we expect the contamination to end before the water table surface, and it is premature to evaluate the costs for longer term groundwater monitoring.

Task 5: Data Evaluation and Interpretation

Once the soil and groundwater sampling laboratory results are received, the data will be tabulated, mapped, and interpreted. An evaluation will be made regarding the need for additional investigative activities and additional boring or well locations will be proposed if considered necessary. This information will be provided, along with a cost estimate, to the WDNR and the client for review.

If the results indicate the extent of contamination is adequately defined, no further investigation will be proposed, and the site investigation report will be prepared. It is possible this report may be a case closure request, if significant contamination is not detected.

Task 6: Site Investigation and Report Preparation

Upon completion of the field investigation and subsequent data evaluation, the findings will be compiled in a Site Investigation Report. The report will be prepared in draft format for your review prior to submittal to the WDNR. The report will present the investigation findings in a concise manner, and will include all supporting data.

If the extent of contamination has been adequately defined, and some sort of remediation is warranted, a Remedial Action Options (RAO) report will need to be completed. Further consultant proposals will need to be obtained prior to implementation of the remedial action, per the requirements of DERP.

Task 7: Project Management

Project management activities include bidding the drilling and laboratory services, scheduling, management, invoicing, budget tracking, subcontractor invoice evaluation, and correspondence for the project. Alpha Terra Science will track the project budget on a monthly basis versus the approved amount on our invoices.

ESTIMATED COSTS

The site investigation cost estimate (Tasks 1 to 7) for the work described above is shown on Table 1. We do not anticipate having to install and sample NR141 groundwater monitoring wells (Task 4), but have provided a cost for this contingency.

Drilling and laboratory charges (subcontractor services) will be invoiced directly to you for payment. Alpha Terra Science will review the invoices for compliance with the bid rates and quantities prior to submittal to you for payment. The laboratory bids are accurate for the current calendar year; the drilling bids are estimated based on recent project work.

Alpha Terra Science will not exceed this cost without your notification and approval. These costs are expected to be eligible for DERP reimbursement.

DERP ISSUES AND DEDUCTIBLE

The State has a reimbursement fund called DERF that helps pay for most of the cost of cleaning up contamination from dry cleaner sites. The program is administered by the WDNR and has a program deductible of $10,000, with eligible expenses above $10,000 covered at a rate of 100% up to a total cost of $200,000. Some matching coverage is required for expenses above $200,000. The maximum eligible reimbursement amount is $500,000 per site.

Investigation and clean up at drycleaner facilities can be costly, and if there is significant contamination, completion of the project in a manner that will maximize your reimbursement is essential. Our objective at Alpha Terra Science is to complete all tasks in a manner that minimizes your out-of-pocket expenses. We will comply with the requirements of ch NR 169, NR 140, and NR 700 to make sure expenses are eligible for reimbursement when it is time to file a reimbursement claim.

In our conversations, you indicated you might forgo reimbursement from DERF. In this case, many of the approvals from the WDNR required under DERF rules will not apply to your case and the project will be able to proceed at a faster pace. Whether or not you remain in the program, Alpha Terra will work with you to complete the project in a timely and economical manner.

SCHEDULE

Work could proceed immediately upon award of the project. The initial portion of the investigation described above could be completed within approximately 2 to 3 months. If NR141 wells are necessary, they will be installed after communication of the initial results with the WDNR. Details regarding the schedule are provided below:

Background Information and Work Plan Preparation	1 week
WDNR Review of Work Plan	4 - 6 weeks
Soil and Groundwater Evaluation, Vapor Sampling	2 days (over 2 week period)
Laboratory Results/Data Evaluation	3 weeks
Data Evaluation / Report Preparation	1-2 weeks
TOTAL	10-12 weeks to initial report

ADDITIONAL COMMENTS

It is very difficult to compare proposals from consulting firms, as they vary in the scope of work that is specified. Consultants use various approaches and base their proposals on different scopes of work.

You should select a consultant that you will feel comfortable working with, who you trust, and who has identified an approach to the site investigation that makes sense.

QUALIFICATIONS

Alpha Terra Science is a qualified environmental consulting firm with extensive experience in environmental assessments, site investigation, and remediation, particularly under the state reimbursement programs. We are currently working on more than a dozen chlorinated solvent / DERP projects, and have a record of full reimbursement under the DERF program. Two of the projects have received case closure, including one at a strip mall facility where a remedial excavation was completed.

We are also the leading provider of consulting services for the Agricultural Chemical Reimbursement Program (ACCP), which is a reimbursement program for fertilizer and pesticide releases that is even more stringent in their reimbursement rules than the drycleaning fund. We have also completed hundreds of projects under the PECFA program.

Alpha Terra Science is located in both Plymouth and Mosinee, Wisconsin and serves clients throughout the state. The distinguishing characteristics of investigations and reports completed by Alpha Terra are the thoroughness and professional presentation of findings. We are a smaller firm with highly skilled individuals with extensive experience in environmental evaluations.

The following paragraphs provide a synopsis of the qualifications of key staff for this project. References for Alpha Terra Science are attached.

Amy Haak is a Wisconsin Professional Geologist and hydrogeologist with over 13 years of consulting experience. Amy will be the project manager and lead investigator for this project. Ms. Haak has managed PECFA, Brownfield and ACCP projects, and specializes in obtaining case closure at facilities where difficult conditions persist. She has extensive experience with the investigation and remediation of petroleum, chlorinated compound, and agrichemical releases, as well as sites with multiple contaminant types.

Kendrick Ebbott is a Certified Ground-Water Professional and Wisconsin Professional Geologist with 20 years of professional consulting experience. Mr. Ebbott's areas of specialty include soil and groundwater remediation and site investigation related to a wide variety of contaminants. His project experience includes extensive work with DERP, PECFA and ACCP sites.

Jerry Phelan holds a B.S. in Mechanical Engineering from the University of Wisconsin - Madison. He has managed projects in environmental investigation and has designed/installed a wide variety of remediation systems. Using his 25 years of experience, he has supervised teams of environmental professionals including engineers, hydrogeologists, scientists, and technicians. Mr. Phelan will provide engineering oversight where necessary for this project.

I hope you agree that this proposal provides a cost effective way to evaluate the environmental issues at your site. If you have any questions, please give me a call. I look forward to hearing from you.

Sincerely,

Amy Haak

Amy Haak, P.G.
Geologist

Attachments: Figure 1: Site Map with Sampling Locations
Table 1: Former Express Cleaners Cost Estimate
DERF Bid Summary Sheets
Fee Schedule, Rental Equipment and Field Supplies Rate Sheet
References
Certificate of Insurance
Contract

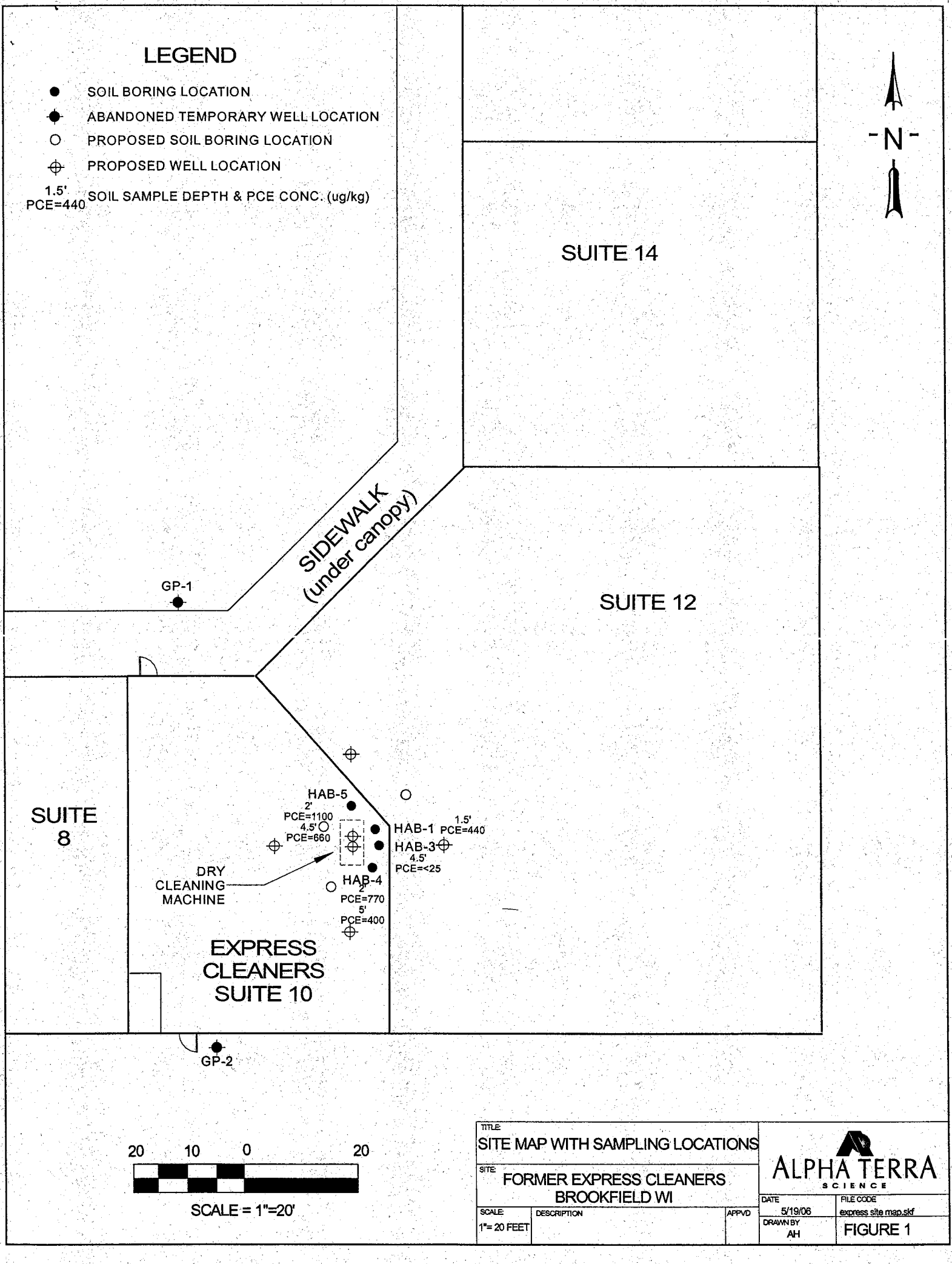

LEGEND
SOIL BORING LOCATION
ABANDONED TEMPORARY WELL LOCATION
PROPOSED SOIL BORING LOCATION
PROPOSED WELL LOCATION
1.5' PCE=440 SOIL SAMPLE DEPTH & PCE CONC. (ug/kg)
N
SUITE 14
SIDEWALK (under canopy)
GP-1
SUITE 12
SUITE 8
HAB-5
2'
PCE=1100
4.5'
PCE=660
HAB-1
1.5'
PCE=440
HAB-3
4.5'
PCE=<25
HAB-4
2'
PCE=770
5'
PCE=400
DRY CLEANING MACHINE
EXPRESS CLEANERS SUITE 10
GP-2
20 10 0 20
SCALE = 1"=20'
TITLE: SITE MAP WITH SAMPLING LOCATIONS
SITE: FORMER EXPRESS CLEANERS BROOKFIELD WI
SCALE: 1"= 20 FEET
DESCRIPTION
APPVD
ALPHA TERRA SCIENCE
DATE 5/19/06
FILE CODE express site map.skf
DRAWN BY AH
FIGURE 1

TABLE 1
Former Express Cleaners Cost Estimate

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Cost
CONSULTING SERVICES				
Task 1: NR 716 Work Plan				
Sr. Hydrogeologist	$90.00	4	hour	$360.00
Geologist	$65.00	2	hour	$130.00
Drafting	$55.00	2	hour	$110.00
Administrative Assistant	$35.00	0.5	hour	$17.50
Subtotal Task				***$617.50***
Task 2: Direct-push Soil Sampling and Small Diameter Well Installation				
Sr. Hydrogeologist	$90.00	4	hour	$360.00
Sr. Tech.-Drill/ soil sample/ 1" Well Install	$65.00	10	hour	$650.00
Sr. Tech.-Well Develop, Survey, Sample	$65.00	8	hour	$520.00
Borelogs, Sample Ship, Forms	$65.00	3	hour	$195.00
PID	$75.00	1	day	$75.00
Water Level Indicator	$21.00	2	day	$42.00
Survey Equipment	$35.00	1	day	$35.00
Peristaltic Pump	$40.00	1	day	$40.00
Field Supplies - Expendables	$100.00	1	each	$100.00
Subtotal Task				***$2,017.00***
Task 3: Sub-slab Vapor Sampling (2 samples)				
Sr. Hydrogeologist	$90.00	2	hour	$180.00
Sr. Technician	$65.00	4	hour	$260.00
Equipment	$75.00	1	day	$75.00
Supplies	$10.00	2	each	$20.00
Subtotal Task				***$535.00***
Task 4: NR141 Well Installation (3 wells, 1 piezo), Development, Sampling - (IF NECESSARY)				
Sr. Hydrogeologist	$90.00	4	hour	$360.00
Sr. Tech.-Drum Disposal, Set-up / Completion	$65.00	4	hour	$260.00
Sr. Tech.-Drill/ 2" Well Install	$65.00	10	hour	$650.00
Sr. Tech.-Well Develop, Survey, Sample	$65.00	10	hour	$650.00
Sample Ship, Forms	$65.00	1	hour	$65.00
PID	$75.00	1	day	$75.00
Water Level Indicator	$21.00	2	day	$42.00
Survey Equipment	$35.00	1	day	$35.00
Peristaltic Pump	$40.00	1	day	$40.00
Field Supplies - Expendables	$25.00	4	each	$100.00
Multi-parameter water quality meter	$120.00	1	each	$120.00
Subtotal Task				***$2,397.00***
Task 5: Data Evaluation and Interpretation				
Sr. Hydrogeologist	$90.00	10	hour	$900.00
Sr. Technician	$65.00	10	hour	$650.00
Drafting	$55.00	10	hour	$550.00
Subtotal Task				***$2,100.00***
Task 6: Site Investigation Report Preparation				
Sr. Hydrogeologist / Engineer	$90.00	10	hour	$900.00
Sr. Technician	$65.00	10	hour	$650.00
Drafting	$55.00	10	hour	$550.00
Administrative Assistant	$35.00	2	hour	$70.00
Subtotal Task				***$2,170.00***
Task 7: PM & Coordination				
Sr. Hydrogeologist	$90.00	8	hour	$720.00
Subtotal Task				***$720.00***
CONSULTING SERVICES TOTAL				**$10,556.50**

TABLE 1
Former Express Cleaners Cost Estimate

ITEM DESCRIPTION	Unit Price	Quantity	Units	Total Cost
COMMODITY SERVICES : BILLED DIRECTLY TO CLIENT				
Task 2: Direct-push drilling and Small-Diameter Well Installation				
Drilling Services				
Mobilization	$150.00	1	lump	$150.00
Drill / Soil Sample (8 @ 14', 1 @ 24')	$9.00	136	foot	$1,224.00
1" Well Supplies (5 @ 14')	$4.00	70	foot	$280.00
Pre-pack 1" Well Supplies (1 @ 24')	$10.00	24	foot	$240.00
Borehole Abandonment	$1.00	42	foot	$42.00
Decontamination	$50.00	1	lump	$50.00
Flush Mount Covers	$65.00	6	each	$390.00
Subtotal Drilling				*$2,376.00*
Laboratory Services				
VOC- Soil	$52.00	13	each	$676.00
TOC - Soil	$35.00	4	each	$140.00
VOC- Groundwater	$50.00	6	each	$300.00
Subtotal Lab				*$1,116.00*
Subtotal Task				***$3,492.00***
Task 3: Sub-slab Vapor Sampling (4 samples)				
Laboratory Services (Microseeps)				
CVOC's + shipping	$110.00	2	each	$220.00
Subtotal Task				***$220.00***
Task 4: NR141 Well Installation (3 wells, 1 piezo), Development, Sampling - (IF NECESSARY)				
Drilling Services				
Mobilization	$250.00	1	lump	$250.00
Drill (3 @ 14', 1 @ 24')	$12.00	66	foot	$792.00
Well Installation (3 @ 14'; 1 @ 24')	$11.00	66	foot	$726.00
Decontamination	$150.00	1	lump	$150.00
Flush Mount Covers	$135.00	4	each	$540.00
Drums	$35.00	5	each	$175.00
Subtotal Drilling				*$2,633.00*
Laboratory Services				
VOC- 4 wells + duplicate	$50.00	5	each	$250.00
NA Parameters - (methane, ethane, ethene, iron, nitrate/nitrite, sulfate)	$84.00	4	each	$336.00
Subtotal Lab				*$586.00*
Investigative Waste Disposal - 4 Drum Soil, 1 Drum Water (assume non-hazardous)				
Non-Haz Disposal Drums Soil	$90.00	4	each	$360.00
Non-Haz Disposal Drums Water	$120.00	1	each	$120.00
Pick-up / Transport Non Haz	$150.00	1	each	$150.00
Subtotal Disposal Nonhazardous				*$630.00*
Subtotal Task				***$3,849.00***
COMMODITY SERVICES TOTAL				**$7,561.00**

TOTAL PROJECT COST - NO NR 141 WELLS REQUIRED	**$11,871.50**
TOTAL PROJECT COST - NR 141 WELLS REQUIRED	**$18,117.50**

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

DERF Site Investigation Bid Summary
Consultant Selection Cover Sheet

Notice: Use this form to notify the Department of Natural Resources of the consultant you are selecting to conduct a site investigation and to submit and summarize the bids required in the Dry Cleaner Environmental Response Fund (DERF) Program. This form is authorized under s. 292.65, Wis. Stats. and s. NR 169.23, Wis. Adm. Code. Completion of this form is mandatory for any person applying for DERF reimbursement. Persons who do not submit a completed form will not be eligible for reimbursement under DERF. Personal information will be used to manage the DERF program, and be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39, Wis. Stats.) and requirements.

Complete the following information and submit it to your DNR regional project manager. Copy this form as necessary.

Site Information

Site name: Former Express Cleaners	Facility Name: Express Cleaners, 19555 W. Bluemound Rd, Brookfield, WI	02-68-544714

Consultant Selected

Consultant Name: Alpha Terra Science	Consultant Address: 1237 S. Pilgrim Road, Plymouth, WI 53073

Summary of Costs:

Consultant Name: Alpha Terra Science	
Consulting costs:	9757.50
Drilling costs:	5009
Analytical costs:	1902
Miscellaneous costs:	1449
Total Costs:	18117.50

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Justification for Selection:

Optional 4th bid information:

Consultant Name:	
Consulting costs:	
Drilling costs:	
Analytical costs:	
Miscellaneous costs:	
Total Costs:	

Applicant Information and Certification

I certify that the information contained above is true and correct to the best of my knowledge.

Applicant Name: Mr. Timothy Timmerman III		Date	
Street Address:	City : Brookfield	State: WI	Zip Code: 53045

Signature

DERF Site Investigation Bid Sheet
Consultant Bid Summary

Site Information

Site Name: Former Express Cleaners

Consultant Name: Alpha Terra Science	Applicant Name: Mr. Timothy Timmerman, Bluemound Plaza, LLC

Bid Summary

Drilling Costs Total =	5009	
Analytical Costs Total =	1902	
Consulting Costs Total =	9757.50	
Misc Costs Total =	1449	
Grand Total =	18117.50	

I certify that the costs are an accurate estimate of my total projected costs for the site investigation and I understand and will adhere to s.292.65 Stats. and ch NR 169, Wis. Adm. Code.

Consultant Signature	Date:
Amy Haak/ Alpha Terra Science	5/23/06

Please attach to these forms a written narratige specifying how the tasks outlined in these sheets will be performed.

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF Site Investigation Bid Sheet
Drilling Costs

Drilling Costs						
Task	Interval	Number of Borings or Wells	Number of Days	Total Number Feet Drilled	Cost/feet, Day or Well	Total Cost
Well installation and Completion						
Monitoring Wells	0 to 14 feet	3		42	23	966
Piezometer	0 to 24 feet	1		24	23	552
1" Well Supplies	0 to 14 feet	5		70	4	280
Prepack wells 1"	0 to 24 feet	1		24	10	240
Decontamination Costs			1		150	150
Mobilization Costs			1		250	250
Auger Borings (continuous sampling)						
Cont Sample Hollow Stem	0 to 16.5 feet					0
Cont Sample Hollow Stem						
	> ___ ft					
Decontamination Costs						
Mobilization Costs						
Auger Borings (specify split spoon sampling interval)						
	0 to 16 feet					
	___ ft to ___ ft					
	___ ft to ___ ft					
	> ___ ft					
Decontamination Costs						
Mobilization Costs						
Direct Push Borings (per point)						
Continous Sample	< _25__ ft depth	9		136	9	1224
	___ ft - __ ft depth					
Borehole Abandonment	< ____ ft depth	3		42	1	42
Decontamination Costs			1	1	50	50
Mobilization Costs			1	1	150	150
Well Development (if done by subcontractor)						
	Monitoring Wells					
	Piezometers					
	Recovery Wells					
Other						
Drums		5			35	175
Direct push well flush mount covers		6			65	390
NR 141 well flush mount covers		4			135	540
		1				0
Total Drilling Costs						5009

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF Site Investigation Bid Sheet
Analytical Costs

Parameter	WI Certified Lab			Field Test/Field Kit			Mobile Lab			
	$/ sample	# samples	Method Used	$/ sample	# samples	Method Used	$/Sample $/Day	# Samples # Days	Method Used	Total Costs
Solids Analysis										
VOCs	52	13	8260							$676.00
TCLP										$0.00
RCRA Metals										$0.00
Duplicate Analyses										$0.00
Blank Analyses										$0.00
Other: (Specify) Organic Carbon	35	4								$140.00
										$0.00
Water Analysis (low flow sampling assumed unless otherwise indicated at bottom of this sheet)										
VOCs	50	10	8260							$500.00
Nitrate*	9	4								$36.00
Dissolved Oxygen*										$0.00
Temperature*										$0.00
Ferrous Iron*	7	4								$28.00
Sulfate*	9	4								$36.00
Sulfide*										$0.00
ORP*										$0.00
pH*										$0.00
TOC*										$0.00
Alkalinity*										$0.00
Chloride*										$0.00
Spec. Conductance*										$0.00
Ethene/Ethane/Methane*	59	4								$236.00
Hydrogen*										$0.00
Carbon Dioxide*										$0.00
RCRA Metals										$0.00
Duplicate Analyses	50	1	8260							$50.00
Blank Analyses										$0.00
Other: (Specify)										$0.00
										$0.00
Air Analysis										
VOCs										$0.00
TCE										$0.00
PCE (minimum detection limit is <10 ppbv)										$0.00
Other: (Specify)										$0.00
CVOC - Microseeps	100	2								$200.00
Waste Analyses (soil/water)										
										$0.00
										$0.00
Miscellaneous (specify)										
										$0.00
Charge for Mobile Lab (indicate # days and daily fee)										
Total Analytical Costs										$1,902.00

* Natural Attenuation parameters required for consideration of NA as remedy.

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF Site Investigation Bid Summary
Consultant Costs

		Hours/Task																		
Position (specify)	Hourly Rate	Workplan Development	Access	Receptor Survey	Waste Determination	Drilling Oversight	Soil Sampling	Drilling sampling	Well Development	Hydraulic Conductivity Test	Groundwater sampling	Soil gas/vapor intrusion survey	SSRCL calculations (contained-out or remedial actions)	SI Report preparation	RAOR Report preparation	Project Management	Other (specify)			Total Costs
Professional Staff																				
Sr Hydro	90	4	2	2		2					2	2	4	16		8				$3,780.00
Geologist / Sr. Tech	65	2			4		3				1		2	18						$1,950.00
																				$0.00
																				$0.00
																				$0.00
Field Staff																				
Sr. Tech	65			1			9	10	9		9	4								$2,730.00
																				$0.00
																				$0.00
																				$0.00
																				$0.00
																				$0.00
Office Support Staff																				
Drafting	55	2												20						$1,210.00
Administrative Assist.	35	0.5												2						$87.50
																				$0.00
																				$0.00
																				$0.00
Total Consulting Costs																				$9,757.50

Consultant Name:
Site Name:
BRRTS #:
Date:

DERF SIte Investigation Bid Summary Sheet
Miscellaneous Costs

Major Activity	Specifications	Commodity Unit (specify)	Unit Rate	Number of Units	Total Cost
IDW Disposal					
Drum Disposal Soil	Non-Hazardous	Drum	90	4	360
Drum Disposal - Groundwater	Non-Hazardous	Drum	120	1	120
Transport / Pickup	Non-Hazardous	Drum	150	1	150
Equipment Rental (list and include shipping costs if applicable)					
PID			75	2	150
Water Level Indicator			21	4	84
Paristaltic Pump			40	2	80
Core Drill			75	1	75
Multi-parameter Water Quality Meter			120	1	120
Field Supplies (list)					
Tubing, Ziplocs, Syringe, Ice, Gloves, etc			100	1	100
Tubing, Ziplocs, Ice, Gloves, etc			25	4	100
Vapor Probe Supplies			10	2	20
Surveying					
Survey Gear			35	2	70
Personal Protection Equipment (list)					
Sample Shipping Costs					
Vapor - Microseeps			2	10	20
Other (specify)					
Total Miscellaneous Costs					$1,449.00

Reminders: DERF does not reimburse for attorney, closure or GIS fees. Mileage and meals are also non-reimbursable. Also, costs to prepare a reimbursement application and discuss the application with the department are not reimburseable. No expedited shipping w/o prior PM approval.

Fee Schedule

PROFESSIONAL CLASSIFICATION	LEVEL	HOURLY RATE
Engineers, Hydrogeologists, Environmental Scientists, & Safety & Health Specialists	I	$65
	II	$70
	III	$75
	IV	$80
	V	$85 - $95
Technician	I	$50
	II	$65
Drafter		$50 – 55
Administrative Assistant	I	$30
	II	$35
	III	$40

Expenses: Equipment - see Field Rental Form
All other expenses at cost

Alpha Terra Science

Rental Equipment and Field Supplies

TS Entry _____

Usage Date(s) _____ Client _____ Orig to client A/R _____

Sheet Total _____ Activities _____

Initials _____ _____ Project No. _____

	Unit	Cost/ Unit	# Units	Total Price	Notes
Rental Equipment					
PID	day	$75			
Water Level Indicator	day	$21			
Nomad Pump, multispeed, low flow	day	$55			
Peristaltic Pump	day	$40			
Double Diaphragm Pump, Air Operated	day	$50			
YSI Multi-Parameter Chemistry Meter	day	$125			
Interface Probe	day	$70			
Orion ORP Meter	day	$10			
pH Meter - Conductivity - Temperature	day	$20			
Bailer, reusable	each	$15			
Encore Sampler	each	$5			
Hand Auger	day	$15			
Hi-Lift Jack	day	$10			
Shop Vac	day	$10			
SVE Pilot Test Equipment	day	$200			
Metal Detector	day	$47			
Survey Equipment	day	$35			
MSA 4995 Meter	day	$30			
MSA Escort Personal Sampling Pump	day	$25			
Quest Audio Dosimeter	day	$25			
Sound Level Meter	day	$50			
Digital Camera	day	$10			
Rental Equipment Total:				0	

	Unit	Cost/ Unit	# Units	Total Price	Notes
Field Supplies					
12-Volt Submersible Pump	each	$55			
Bailer, Dedicated	each	$25			
Bailer Rope	5 feet	$1			
Bailer, Disposable	each	$15			
Bentonite	bag	$20			
Coliwasa, Disposable	each	$10			
Coverall, Tyvek	each	$15			
Distilled Water, Bulk Supply	gallon	$1			
Gloves	10 pairs	$5.00			
Soil Sample Syringes, Plastic	each	$2			
Tubing (poly)	2 feet	$1			
Water Sample Filter	each	$20			
Ziploc Bags, Bulk Supply	15 each	$3			
Photographic Film	1 each	$6			
Field Supplies Total:					

CLIENT REFERENCES: DRYCLEANER INVESTIGATION/REMEDIATION SERVICES

Mr. Don Gallo Reinhart, Boerner, Van Dueren Waukesha, WI Phone: (262) 951-4500	Mr. David VanderZanden Cinda Corporation Menasha, WI (Site location) Phone (920) 882-5602
Mr. Greg Butts Realty Management Inc (Best Cleaners Site) Milwaukee, WI Phone: (414) 305-6464	Mr. Gary Gunderson Gunderson Cleaners (Neenah and Oshkosh Sites) 41 Main Street Menasha, WI Phone: (920) 727-4010
Joe and Donna LeRoy Stannard Cleaners 653 N. Main Street Oshkosh, WI 54901 Phone: (920) 235-0150	Mr. Steve Plater Platco, Inc. (Former OHM site in Milwaukee) 7077 Glencoe Drive Cedarburg, WI 53012 Phone: (414) 313-5926
Ms. Marilyn Walsh Troy Cleaners and Launderers W2626 Miley Road Sheboygan Falls, WI 53129 Phone: (920) 467-2952	Mr. Dave Vogl Del Monte Foods 600 N. 15th Street Rochelle, IL 61068 Phone: (815) 562-1367

f:_mkt\prop\2006 misc\derf_references derf 2006.doc

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID JG ALPHA-3 | DATE (MM/DD/YYYY) 01/16/06

PRODUCER
Burkart-Heisdorf Insurance
www.burkart-heisdorf.com
807 Erie Avenue
Sheboygan WI 53081
Phone: 920-458-6174

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Alpha Terra Science, Inc.
Don Becker
1237 South Pilgrim Road
Plymouth WI 53073

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Cincinnati Insurance	
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY					
		[X] COMMERCIAL GENERAL LIABILITY	CPP0918019	01/29/06	01/29/07	EACH OCCURRENCE	$ 1000000
		[ ] CLAIMS MADE [X] OCCUR				DAMAGE TO RENTED PREMISES (Ea occurence)	$ 500000
						MED EXP (Any one person)	$ 10000
						PERSONAL & ADV INJURY	$ 1000000
		GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	$ 2000000
		[ ] POLICY [ ] PRO-JECT [ ] LOC				PRODUCTS - COMP/OP AGG	$ 2000000
						Emp Ben.	1000000
A		AUTOMOBILE LIABILITY					
		[ ] ANY AUTO	CPA0918019	01/29/06	01/29/07	COMBINED SINGLE LIMIT (Ea accident)	$ 1000000
		[ ] ALL OWNED AUTOS				BODILY INJURY (Per person)	$
		[X] SCHEDULED AUTOS					
		[X] HIRED AUTOS				BODILY INJURY (Per accident)	$
		[X] NON-OWNED AUTOS					
						PROPERTY DAMAGE (Per accident)	$
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
		[ ] ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	$
		[ ] OCCUR [ ] CLAIMS MADE				AGGREGATE	$
							$
		[ ] DEDUCTIBLE					$
		[ ] RETENTION $					$
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	WC191887201	01/29/06	01/29/07	[ ] WC STATU-TORY LIMITS [ ] OTH-ER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	$ 500000
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	$ 500000
						E.L. DISEASE - POLICY LIMIT	$ 500000
A		OTHER Property Section	CPP0918019	01/29/06	01/29/07		

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

ALPHATE

Alpha Terra Science, Inc
Attn: Heidi
1237 Pilgrim Road
Plymouth WI 53073

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL TEN DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Andrew G. Burkart, CPCU, RHU

Agreement for Services of
Alpha Terra Science, Incorporated

This Agreement is executed by and between Alpha Terra Science, Incorporated, 1237 South Pilgrim Road, Plymouth, Wisconsin, a Wisconsin Corporation (herein after referred to as Alpha Terra), and **, Inc.** (herein after referred to as "Client") as of the **th day of 2006**.

This Agreement is not intended to create, and shall not be construed to create, a relationship of principal and agent, employer and employee, joint venture, partnership, nor any relationship other than that of independent contracting parties.

The purpose of this Agreement is to set forth the terms, conditions, and administrative procedures applicable to the services to be provided.

Article 1 - Services

The intent of the parties to this Agreement is that Alpha Terra, as an independent contractor, will provide to Client certain technical and advisory services in accordance with the "Scope of Work" which is attached hereto and incorporated herein as Exhibit 1 to this Agreement.

Article 2 - Term of Agreement

The term of the Agreement shall remain in force from the effective date hereof until the project is complete or until terminated pursuant to the terms of this Agreement.

Article 3 - Compensation

In consideration of the performance of services described herein, Client shall pay Alpha Terra compensation in accordance with the "Fee Schedule and Conditions" which is attached hereto and incorporated herein as Exhibit 2 to this Agreement.

Client agrees to reimburse Alpha Terra for all actual and necessary travel and other expenses incurred by Alpha Terra in the performance of services described herein.

Alpha Terra shall submit monthly invoices to Client unless other arrangements are expressed in Exhibit 2. Invoices will identify the service performed and the corresponding fee in accordance with Exhibit 2. Reimbursable expenses will be itemized separately. Invoices will be submitted to Client at:

NAME
ADDRESS
CITY, STATE, ZIP

Client shall pay all invoice amounts within thirty (30) days after submittal of an invoice by Alpha Terra, or alternatively as specified in the attached Scope of Work, whichever is earlier. A late charge of 1.5% per month, or the maximum legal rate, whichever is lower, shall be paid by Client for any unpaid amount owed Alpha Terra after thirty (30) days from submittal of invoice to Client. Client agrees to pay any and all expenses associated with collection of delinquent amounts, including but not limited to attorney's fees, collection fees and lien costs.

Client shall be responsible for all taxes, excises, assessment, and other charges levied by any government agency on, or because of, the services performed hereunder, excepting taxes based on net income of Alpha Terra. Client shall promptly pay such amounts, or reimburse Alpha Terra, in the event that Alpha Terra has paid these amounts.

Article 4 - Insurance

Alpha Terra shall provide and maintain during the term of this Agreement the types and amounts of insurance indicated below:

Workers' Compensation Insurance

As required by statute, including Employer's Liability Insurance with bodily injury limits of: $100,000.00 each accident; $100,000.00 by disease, each employee; and $500,000.00 by disease, policy limit.

Commercial General Liability

Liability limit of $1,000,000.00; medical expense limit of $5,000.00 each person.

Automobile Liability Insurance

Insurance covering motor vehicles used by Alpha Terra in connection with the service provided hereunder with limits of $1,000,000.00 each accident.

Professional Liability and Pollution Impairment Liability Insurance

As required by the Department of Commerce for environmental consultants performing PECFA-funded work, $1,000,000.00 per claim and in the aggregate.

Article 5 - Indemnity

Alpha Terra agrees to indemnify Client, its directors, employees, and officers, from and against only those direct claims, causes of action, liabilities, costs or expenses, including reasonable attorney's fees attributable directly to bodily injury, death or property damage that Client incurs as a result of third party actions and that arises directly out of and to the extent of Alpha Terra's negligent acts in and occurring during the performance of this agreement. This indemnity shall not apply in the event Client fails to give Alpha Terra prompt written notice of such claims as soon as practicable after Client learns of same, or fails to provide Alpha Terra reasonable assistance in defense or settlement of such claims. All of the indemnity and other provisions of this paragraph shall also reciprocally apply so that Client is the indemnitor and Alpha Terra is the indemnitee in a corresponding indemnity by Client in favor of Alpha Terra. Alpha Terra's liability under this indemnity provision shall in no event exceed $1,000,000.

Article 6 - Communications

All notices required to be given under this Agreement shall be made in writing and signed by the Authorized Representative of the respective party and shall be deemed to have been made if hand-delivered or sent by certified mail, return receipt requested to the Authorized Representative of the receiving party. The Authorized Representatives and their addresses are stated below:

Alpha Terra	Client
Donald W. Becker	NAME
Alpha Terra Science, Inc.	COMPANY
1237 South Pilgrim Road	ADDRESS
Plymouth, WI 53073-4969	CITY, STATE, ZIP

Article 7 - Compliance With Laws

Alpha Terra, its employees, agents, and representatives, shall at all times comply with applicable laws, ordinances, statutes, rules or regulations, including those relating to wages, hours, fair employment practices, antidiscrimination, and safety and working conditions.

Article 8 - Standard of Care

Services performed by Alpha Terra under this Agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar circumstances. This is the exclusive standard of care for Alpha Terra's services, with the standard measured at the time services are rendered and not according to later standards. No other warranty, express or implied, is made.

Article 9 - Confidential Information

Alpha Terra acknowledges and agrees that any confidential or proprietary information disclosed to it by Client shall be maintained in confidence and not revealed to others without the expressed written consent of Client.

Article 10 - Termination

This Agreement may be terminated by either party upon twenty (20) days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. This Agreement may be terminated by Client, under the same terms, for Client's convenience. Client shall pay Alpha Terra for all costs and fees incurred prior to the date of termination as well as fair closeout costs including demobilization costs and non-cancelable commitments.

Article 11 - Legal Proceedings

In the event Alpha Terra is at any time required to provide testimony, answer interrogatories or otherwise provide information in preparation for or at a trial, hearing, proceeding or inquiry arising out of the services that are subject to this agreement, Client shall compensate Alpha Terra for its services pursuant to Alpha Terra's regular schedule of fees in effect at that time and shall reimburse Alpha Terra for all related direct costs incurred in connection with providing such services.

Article 12 - Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of Wisconsin.

Article 13 - Entire Agreement

This Agreement shall constitute a final written expression of all terms of the Agreement between Client and Alpha Terra and is a complete and exclusive statement of these terms. The terms of this Agreement may not be modified or waived orally. Modifications or waiver of any provision must be set forth in a written instrument signed by both parties. In the event any provision, or part thereof, of this Agreement is held to be unenforceable, the remaining provisions and parts shall remain in full force and effect.

The parties understand and agree to all of the provisions of this Agreement.

Client: **, Inc.**	Alpha Terra Science, Incorporated
Signature:	Signature:
Typed Name:	Typed Name: Donald W. Becker
Title:	Title: President
Date:	Date:

Exhibit 1 - Scope of Work

EXCERPT FROM PROPOSAL

Exhibit 2 - Fee Schedule and Conditions

This work is proposed on a time-and-expenses basis at an estimated cost of

EXCERPT FROM PROPOSAL

PROFESSIONAL CLASSIFICATION	LEVEL	HOURLY RATE
Engineers, Hydrogeologists,	I	$65
Environmental Scientists, &	II	$70
Safety & Health Specialists	III	$75
	IV	$80
	V	$85 - $95
Technician	I	$50
	II	$65
Drafter		$50 – 55
Administrative Assistant	I	$30
	II	$35
	III	$40

Expenses: Equipment - see Field Rental Form
All other expenses at cost

FID#268 506040

State of Wisconsin
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (07-03) Page 1 of 2

RECEIVED
MAY 2 9 2008

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: **Hazardous substance discharges must be reported immediately** according to the "Spills Law", s. 292.11 Wis. Stats., Section NR 706.05(1)(b), Wis. Adm. Code, requires that hazardous substance discharges are to be reported by one of three methods: telephoning the Department (toll free Spill Hotline number above), telefaxing a report to the Department or visiting a Department office in person. If you choose to notify the Department by telefax, you should use this form to be sure that all necessary information is included. However use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.). Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** FAX it to the appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- ☐ Underground Petroleum Storage Tank System
- ☐ Aboveground Petroleum Storage Tank System
- ☒ ? Dry Cleaner Facility (DERP eligibility based on: ☐ Facility owner/operator ☐ Property owner of licensed facility)
- ☐ Other - Describe:

TO DNR, ATTN: **R & R Program Assistant**	(Area Code) FAX Number

1. Discharge reported by:

~~Name~~ Firm	~~Firm~~ Name	Date FAXed to DNR
Reinhart Boerner Van Deuren	Don Gallo	
Mailing Address		(Area Code) Phone Number
W233 N7080 Ridgeview Parkway	Waukesha	

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property: Chapel Formal Wear

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60

19555 Bluemound Road - Suite 316

Municipality (City, Village, Township) Specify municipality in which the site is located, not mailing address/city

Brookfield

County:	Legal Description:
Waukesha	_____1/4, _____1/4, Section _____, Tn_____, Range _____E / W (circle one)

3. Responsible Party (RP) and/or RP Representative

☐ Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all Attach additional pages as necessary

Chapel Formal Wear

☐ Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/org/aw/rr/liability/muni_1.html

Contact Person Name (if different)		Phone Number	
Mailing Address	City	State	ZIP Code
9901 W. Oklahoma Ave	Milwaukee	WI	53227

(continued)

State of Wisconsin
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Impact Information

Identify hazardous substance discharged (check all that apply):

METALS
- ☐ Arsenic
- ☐ Chromium
- ☐ Lead
- ☐ Mercury
- ☐ Metals (specify): _____

SOLVENTS
- ☒ Solvent-Chlorinated
- ☐ Solvent-Non Chlorinated
- ☐ PERC
- ☒ VOC's

INDUSTRIAL CHEMICALS
- ☐ Ammonia
- ☐ Cyanide
- ☐ Paint
- ☐ PCB's
- ☐ VOC's
- ☐ Fertilizers
- ☐ Pesticide/Herbicide/Insecticide(s)
- ☐ Leachate
- ☐ RCRA Hazardous Waste

PETROLEUM
- ☐ Diesel/Fuel Oil
- ☐ Engine Oil/Waste Oil
- ☐ Mineral/Transmission/Hydraulic Oil
- ☐ Gasoline (Pb/Non-Pb/Unknown)
- ☐ Jet Fuel/Kerosene
- ☐ MTBE
- ☐ VOC's
- ☐ PAH's/SVOC
- ☐ Petroleum-Unknown Type
- ☐ Unknown
- ☐ Other (specify): _____

Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply)

- ___ Air Contamination
- ___ Co-contamination
- ___ Concrete/Asphalt
- ___ Contained/Recovered
- ___ Contamination Within 1 Meter of Bedrock
- ___ Contaminated Private Well
- ___ Contaminated Public Well
- ___ Contamination in Fractured Bedrock
- ___ Contamination in Right of Way
- ___ Direct Contact
- ___ Expanding Plume
- ___ Fire Explosion Threat
- ___ Free Product
- ___ Groundwater Contamination
- ___ Off-Site Contamination
- ___ Other
- ___ Sanitary Sewer Contamination
- K Soil Contamination
- ___ Storm Sewer Contamination
- ___ Surface Water Contamination
- ___ Within 100 ft of Private Well
- ___ Within 1000 ft of Public Well

Contamination was discovered as a result of:

☐ Tank closure assessment — Date
☒ Site assessment — Date Phase II 12/11/05
Other – Describe: Soil borings HAB-2, HAB-6 — Date

Note: there are 2 reports that both investigate 2 separate sites: Suite 10 and Suite 36.

Lab results:
- ☐ Lab results will be faxed upon receipt
- ☒ Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

1 hit of PCE @ HAB-2 2.5' bgs = 37ppb - adjacent to dc. machin
HAB-6 (adjacent to HAB-2, but @ 6' bgs <LO

FAX numbers to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (920-662-5197); Attention - RR Program Assistant:
Brown, Calumet, Door, Fond du Lac ***(except City of Waupun - see South Central Region)***, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago counties

Northern Region (715-365-8932); Attention - RR Program Assistant:
Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (608-275-3338); Attention - RR Program Assistant:
Columbia, Dane, Dodge, Fond du Lac ***(City of Waupun only)***, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk counties

Southeast Region (414-263-8483); Attention - RR Program Assistant:
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha counties

West Central Region (715-839-6076); Attention – RR Program Assistant:
Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary

101 S. Webster St.
Box 7921
Madison, Wisconsin 53707-7921
Telephone 608-266-2621
FAX 608-267-3579
TTY 608-267-6897

May 2, 2006

2685060 40

Mr. Timothy H. Timmerman
Bluemound Plaza, LLC
P. O. Box 61
Elm Grove, WI 53122

Subject: Potential Claim Notification denial for former Express Cleaners & others at 19555 Bluemound Road Suite 10, Brookfield WI 53045-5962

Dear Mr. Timmerman:

The purpose of this letter is to acknowledge the receipt of your potential claim notification for the Dry Cleaners Environmental Response Program. As required by State Statue 292.65(4)(d), I am advising you that, based on the preliminary information you provided on the notification form, you would be eligible to apply to the program for reimbursement when all of the Dry Cleaning License fees are paid in full for this site. The latest information I have received from the Department of Revenue (DOR), states that not all your former dry cleaners license fees are paid up to date. According to State Statue 292.65(8)(d)(7) if all fees are not paid then the application for dry cleaning funds will be denied. If your have any questions about what fees still need to be paid please call me at 608-266-1967 and with all the dry cleaner operators' help we should be able to track down the fees that are due at DOR in Milwaukee or with the help of DOR in Madison.

Complete information and details of the dry-cleaning program are available on- line at http://www.dnr.state.wi.us/org/aw/rr/financial/dryclean.html. If you do not have access to the internet then please call me (608)-266-1967 and I will send you a paper copy of what's available on-line. Also at this time there are funds available for average requests.

Please keep in close contact with your DNR Project Manager, **Mark Drews** at **262-574-2146**, throughout the entire clean up process.

Sincerely,

Jeffrey Soellner
Dry Cleaning Fund Manager
Bureau of Community Financial Assistance

cc
Mark Drews - SER - Waukesha

FAX

Date 5-2-2006

Number of pages including cover sheet: 3

TO:

Mark Drews
SER DNR

Phone 262-574-2146
Fax Phone 262-574-2117

FROM:

Jeff Soellner
Wisconsin DNR
Dry Cleaning Grants

Phone 608-266-1967
Fax Phone 608-267-0496

CC:

REMARKS: ☐ *Urgent* ☒ *For your review* ☐ *Reply ASAP* ☐ *Please Comment*

Hi Mark,
Here is a copy of the potential claim form for former Express Cleaners at 19555 Bluemound Rd. in Brookfield. Please sign the box at the bottom of the page (marked Department use only), put the date received and the brrts # and please fax only the signed sheet back to me at **608-267-0496.** Thanks, Jeff

I have the denial letter basically ready to go... Tim Timmerman has gotten this e-mail and I have talked to him on the phone as well.

Jeff Soellner CF/8
WI DNR
P.O. Box 7921
Madison, WI 53707-7921

268506040

P.S. if you have any questions just call.

PO BOX 61
ELM GROVE, WI 53122
262-821-5750 OFFICE
262-821-5735 FAX
EMAIL: jinvestmentinc@aol.com

Bluemound Plaza, LLC.

Fax

To:	Reinhart, Boerner-Van Deuren S.C. Attn. Michelle Williams	**From:**	Timothy H. Timmerman III
Fax:	262-951-4690	**Pages:**	3 including this page
Phone:	414-298-1000	**Date:**	4/24/06
Re:	GNZ Corporation	**cc:**	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

• **Comments:**

Dear Ms. Williams:

Per your request, please see attached and signed application form.

If you would have any further questions or concerns, please do not hesitate contacting me at your earliest convenience.

Best Regards,

Timothy H. Timmerman III

Director of Operations
Bluemound Plaza, LLC. / DBA: Bluemound Plaza Shopping Center
P.O. Box 61
Elm Grove, WI 53122
Tel: (262) 821-5750
Fax: (262) 821-5735
E-mail jinvestmentinc@aol.com

268506040

State of Wisconsin
Department of Natural Resources
Box 7921, Madison, WI 53707-7921

Dry Cleaner Environmental Response Program Potential Claim Notification

Form 4400-210 (R 9/03)

Notice: Use this form to notify the Department of Natural Resources of the potential to submit a reimbursement application to the Dry Cleaner Environmental Response Program (DERP). This form is authorized under s. 292.65, Wis. Stats. and ch. NR 169, Wis. Adm. Code. Completion of this form is mandatory for any person applying for reimbursement from the DERP. Persons who do not submit a completed form will not be eligible for reimbursement under DERP. Personal information will be shared with the Wisconsin Department of Revenue to determine eligibility for DERP claims and for DERP program administration. Information will also be made available to requesters under Wisconsin's Open Records laws (ss. 19.32-19.39 Wis. Stats.) and requirements.

Notification of a potential claim is required prior to conducting a site investigation or any remedial action activity under s. 292.65(4) ,Wis. Stats. For facilities in operation after October 14, 1997, include the Wisconsin Department of Revenue Dry Cleaning License Number issued under s. 77.995, Wis. Stats. "Dry cleaning facility" means a facility for dry cleaning apparel or household fabrics for the general public. See s. 292.65(1)(d), Wis. Stats., for legal definition.

Complete the following information and submit it to your DNR regional project manager. *Copy this form as necessary.*

Eligibility Information

Was there a release of dry cleaning product from a dry cleaning facility? [X] Yes [ ] No

Date Department Notified of Release	Notification Method:	Affected Media (select all that apply):
11/29/2005	[ ] Telephone [X] FAX [ ] Written	[X] Soil [X] Groundwater [ ] Surface Water

Applicant: [ ] owns [ ] operates [ ] operated [ ] subsidiary/parent corporation [X] property owner of licensed facility

Does your proposed cleanup site have an operating dry cleaning machine? [ ] Yes [X] No

Date Your Ownership/Operation Started	For Closed Facilities, Date Last Load Processed
Ownership of property began 1987	January 2006

If Operated After 10/14/97, Wisconsin Department of Revenue Dry Cleaning Facility License No.	If Dry Store, Date Equipment Removed From Site
?	—

Applicant Information

Owner/Operator Name	Company Name
Bluemound Plaza, LLC	Same

Mailing Street Address and PO Box	E-Mail Address	Federal Employer ID Number (FEIN)
PO Box 61	t3realty@aol.com	—

City	State	ZIP Code	Telephone Number	Fax Number
Elm Grove	WI	53122	262-821-5756	262-821-5735

Are there any other responsible persons associated with the cleanup of this facility? [X] Yes [ ] No If yes, check association for each.

[ ] Other Owner [ ] Property Owner of a Licensed Facility [X] Operator	[ ] Other Owner [ ] Property Owner of a Licensed Facility [X] Operator
Other Responsible Party: Zather Moua, Ge Xiong, Boon Xiong	Other Responsible Party: Saishoua Yang (began 10/2002)
Company Name: GNZ Corporation (2005)	Company Name: Dry Cleaning Specialist
Mailing Street Address and PO Box: 8808 W. Palmetto Ave.	Mailing Street Address and PO Box: ?
City: Milwaukee State: WI ZIP Code: 53225	City: ? State: ? ZIP Code: ?
Telephone Number:	Telephone Number: ?

Agent Information

If an agent will be conducting actions per s. 292.65(4)(k), Wis. Stats., complete the following

Agent Name	Company Name
Mailing Street Address and PO Box	Telephone Number / Fax Number
City / State / ZIP Code	Date Agent Agreement Signed

Dry Cleaner Environmental Response Program
Potential Claim Notification

Form 4400-210 (R 9/03)

Facility Information

Facility Name	Company Name
most recently: d/b/a Express Cleaners	GNZ Corporation
Facility Location: Street Address	**Department of Revenue Dry Cleaner License No.**
19555 Bluemound Rd. Suite 10	* ?
City / **State** / **ZIP Code**	**License Holder and Company Name**
Brookfield / WI	could be: GNZ, Express Cleaners, United Cleaners, Dry Cleaning Specialist.
Date Dry Cleaning Facility Constructed	**License Holder Federal Employee ID# (FEIN)**
Store constructed 1987, began dry cleaning 1995	?

Dry cleaning license and solvent fees have been paid on this facility for the following years (select one):

- ☐ October 14, 1997 to Present ?
- ☒ From 1995 (?) To 1/2006
- ☐ Fees are delinquent on this facility
- ☐ Facility operation ceased before October 14, 1997 (no fees apply)

1. Has a previous ch. NR 700 cleanup been conducted at this site? If so, date of closure letter: _____	☐ Yes	☒ No
2. Is there diking around the machine?	☒ Yes	☐ No
3. Is the floor sealed?	☒ Yes	☐ No
4. At this site, do you anticipate finding contaminants not associated with this dry cleaning facility?	☐ Yes	☒ No
5. Are all wastes that are generated at the dry cleaning facility and that contain dry cleaning solvent managed as hazardous wastes in compliance with ch. 291, Wis. Stats., and 42 USC 6901 to 6991i? ?	☒ Yes	☐ No
6. Is dry cleaning solvent or wastewater from your dry cleaning machines being discharged into any sanitary sewer or septic tank or into the waters of this state?	☐ Yes	☒ No
7. Is all perchlorethylene delivered to the dry cleaning facility by means of a closed, direct-coupled delivery system? ?	☒ Yes	☐ No
8. Was the facility constructed after October 14, 1997?	☐ Yes	☒ No
9. Has the applicant ever been referred to the Wisconsin Department of Justice for any violations of Wisconsin laws or rules concerning the use or disposal of dry cleaning solvents? ?	☐ Yes	☒ No

Comments: (Provide clarification if necessary)

Several dry cleaning tenants have occupied Suite 10 in the last 11 years. We have tried to obtain information on former tenants and license numbers, to no avail. Jeff - we ask your assistance Per our phone conversation on April 13, 2006.

Certification

I certify that the information above is true and correct to the best of my knowledge.

Applicant Title and Signature	Date Signed
	4/24/06
Agent Title and Signature	**Date Signed**
—	—

Department Use Only

Complete, sign and FAX to DERP Grant Manager, Clerk, (608) 267-0560.

Date Received	Project Manager Signature	BRRTS Number	Telephone Number

Dry Cleaner Environmental Response Program
Potential Claim Notification
Form 4400-210 (R 9/03)

Facility Information

Facility Name	Company Name
most recently: d/b/a Express Cleaners	GNZ Corporation
Facility Location: Street Address	**Department of Revenue Dry Cleaner License No.**
19555 W. Bluemound Rd. Suite 10	* ?
City / State / ZIP Code	**License Holder and Company Name**
Brookfield / WI / 53045-5962	could be: GNZ, Express Cleaners, United Cleaners, Dry Cleaning Specialist
Date Dry Cleaning Facility Constructed	**License Holder Federal Employee ID# (FEIN)**
Store constructed 1987, began drycleaning 1995	?

Dry cleaning license and solvent fees have been paid on this facility for the following years (select one):

- ☐ October 14, 1997 to Present
- ☒ From 1995 (?) To 1/2006 ?
- ☐ Fees are delinquent on this facility
- ☐ Facility operation ceased before October 14, 1997 (no fees apply)

1. Has a previous ch. NR 700 cleanup been conducted at this site? ☐ Yes ☒ No
   If so, date of closure letter: ________
2. Is there diking around the machine? ☒ Yes ☐ No
3. Is the floor sealed? ☒ Yes ☐ No
4. At this site, do you anticipate finding contaminants not associated with this dry cleaning facility? ☐ Yes ☒ No
5. Are all wastes that are generated at the dry cleaning facility and that contain dry cleaning solvent managed as hazardous wastes in compliance with ch. 291, Wis. Stats., and 42 USC 6901 to 6991i? ? ☒ Yes ☐ No
6. Is dry cleaning solvent or wastewater from your dry cleaning machines being discharged into any sanitary sewer or septic tank or into the waters of this state? ☐ Yes ☒ No
7. Is all perchloroethylene delivered to the dry cleaning facility by means of a closed, direct-coupled delivery system? ? ☒ Yes ☐ No
8. Was the facility constructed after October 14, 1997? ☐ Yes ☒ No
9. Has the applicant ever been referred to the Wisconsin Department of Justice for any violations of Wisconsin laws or rules concerning the use or disposal of dry cleaning solvents? ? ☐ Yes ☒ No

Comments: (Provide clarification if necessary)

Several dry cleaning tenants have occupied Suite 10 in the last 11 years. We have tried to obtain information on former tenants and license numbers, to no avail. Jeff - we ask your assistance per our phone conversation on April 13, 2006.

Certification

I certify that the information above is true and correct to the best of my knowledge.

Applicant Title and Signature	Date Signed
[signature]	4/24/06
Agent Title and Signature	**Date Signed**

Department Use Only
Complete and FAX to DERF Claims Manager, Other (608) 267-0496.

Date Received	Project Manager Signature	BRRTS Number	Telephone Number
	Mark Drews	02-68-544712	574-2146

MD

REINHART
BOERNER•VAN DEUREN s.c.
ATTORNEYS AT LAW

reinhartlaw.com

April 20, 2006

Michelle L. Williams
Direct Dial: 262-951-4599
mwilliam@reinhartlaw.com

268506040

02-68-544712

Ken Ebbott
Alpha Terra Science, Inc.
1237 Pilgrim Road
Plymouth, WI 53073-4969

Dear Ken:

Re: Former Express Cleaners
aka Moua Cleaners
19555 W. Bluemound Road
Suite 10 (the "Property")
Brookfield, WI 53045

On behalf of our client, Bluemound Plaza, LLC., we are requesting a proposal to perform a Site Investigation for the Property. Enclosed for your review are the following documents:

- Phase II Environmental Site Assessment(ESA), prepared by Nova Consulting Group, Inc., dated November 29, 2005
- Additional Phase II ESA, prepared by Nova Consulting Group, Inc., dated December 11, 2005

Please note that the release discovered at Suite 10 is the only site that requires investigation. The Wisconsin Department of Natural Resources(WDNR) has already determined that no action is required at the Chapel Formal Wear (Suite 36 on the Figure 2 site map).

The selected consultant will be expected to comply with all applicable requirements and guidelines, including Chapters NR 169, NR 140 and NR 700 of the Wisconsin Administrative Code, in order to maximize the DERP eligibility of the expenses to be incurred. Please refer to the most recent version of the **DERF Site Investigation Bid Sheet Instructions, WDNR PUB-RR-717 and include the completed DERF SI Bid Sheet Tables:**

- Consultant Bid Summary
- Drilling Costs
- Analytical Costs
- Consulting Costs
- Miscellaneous Costs

Proposed Scope of Services

Services should consist of the following:

1. Preparation of a NR 716 site investigation work plan for submittal to the WDNR Southeast Region office and communications with WDNR regarding DERP issues, if the consultant determines that additional site investigation activities are necessary. The work plan shall be consistent with chapter NR 169, s. NR 716.09 and include all activities required in ch. NR 716.

2. Following approval by the WDNR of the proposed work plan, obtain and evaluate bids for commodity services including drilling, analytical testing services (provided by lab certified under Ch. NR 149 Wis. Adm. Code to complete each analyte), surveying and waste disposal (by a licensed facility).

3. Coordinate and supervise drilling, surveying, laboratory and such other subcontractors as required for completion of necessary investigation activities.

4. Complete a Site Investigation Report. The site investigation activities and the results of the soil and groundwater testing should be presented in a written report to satisfy the requirements of Chapter NR 716 of the Wis. Adm. Code.

5. Obtain and evaluate bids for all required commodity services.

6. Coordinate and supervise commodity services and such other subcontractors as required for completion of necessary investigation activities.

7. The proposal should also contain the following information:

- Statements regarding the consultant's ability to:
  - Be fully informed about the project's scope and required services, and have the experience and ability to analyze alternatives and design the most suitable response action consistent with technical and economic feasibility, environmental statutes and rules, restoration time frames and the latest technical advances.
  - Provide necessary staff and facilities for all phases of planning, investigation, design, construction and operation.
  - Retain and confer with specialists on unusual matters; provide qualified technical reviewers, who will keep the owner/operator advised on technical and regulatory matters and work toward planned remediation goals.
  - Perform all services in an ethical, professional and timely manner.
- Background information of the consulting firm, statement of professional qualifications of the personnel anticipated to be assigned to the project, relevant case study information and references.
- Provide a clear description and itemization of the consultant and contract services; specific services that will be performed and a detailed estimate of unit and task costs for both consulting and commodity services including:
  - Excavating, as necessary
  - Trucking, as necessary
  - Soil and groundwater treatment pilot testing, as necessary
  - Drilling services, as necessary
  - Waste treatment or disposal services, as necessary

- Laboratory services, as necessary
- Volatile Organic Compound analysis by Method 8260 only
- Services normally billed on an hourly or per unit basis; and
- Professional or personal services, including engineering, hydrogeologic, field technician and general contracting services. Note that consulting costs must also include a maximum total price for each service, and a statement of professional qualifications for every person whose professional services are included.

- All of the following information related to every service priced on an hourly or per unit basis:
  - The price per hour or per unit of service;
  - A reasonable, good faith estimate of the number of hours or units of service to be provided; and
  - The total estimated price for the service.
- A total cost estimate for all of the consultant and contract services included in the proposal or estimate, and a subtotal price for each of the component services itemized in the proposal or estimate.
- Complete WDNR DERP summary sheets
- The proposed schedule for completion of the project.
- A certification of insurance from an agent licensed in Wisconsin of the following:
  - The consultant has coverage for errors and omissions.

- The consultant maintains coverage for comprehensive general liability, which includes pollution impairment liability coverage, for a minimum of $2,000,000 per claim and a minimum of $2,000,000 in annual aggregate claims.

- The consultant maintains coverage for professional errors and/or omissions, which includes pollution impairment liability coverage, for a minimum of $2,000,000 per claim and a minimum of $2,000,000 in annual aggregate claims.

- The general liability policy is an occurrence based policy or is a claims made policy with a 3-year extended reporting period.

- The insurance coverage shall be provided by a firm that has an A.M. Best rating of at least "A-".

- The maximum deductible amount of the general liability policy (if the maximum deductible exceeds $25,000, the consultant must furnish proof of financial responsibility acceptable to the WDNR for the amount of the deductible).

- The maximum deductible amount of the professional errors and omissions policy (if the maximum deductible exceeds $25,000, the consultant must furnish proof of financial responsibility acceptable to the WDNR for the amount of the deductible).

- A certification statement in the proposal ensuring that the consultant and contract services will comply with ch NR 169, NR 140 and the NR 700 rule series.

- The proposed terms and conditions of your service agreement for review by Bluemound Plaza, LLC. and/or its legal counsel.

As impacts from the Property may have migrated onto neighboring property(ies), an Access Agreement may be necessary to complete remedial activities off-site. The selected consultant will be expected to comply with the terms of any such agreement.

All information contained herein shall remain confidential with the exception of that information already available in the public domain.

Please forward two sealed copies of your proposal to my attention and one sealed bid to WDNR care of Victoria Stovall, no later than 5:00 p.m, Friday, May 26, 2006. Proposals submitted by email or fax will not be accepted. If you would like to visit the Property before preparing your proposal, please contact Tim Timmerman at 262-821-5750 to make the appropriate arrangements. If you are not interested in submitting a proposal, please advise me.

We look forward to the receipt of your proposal. Please contact either Don Gallo or myself at 262-951-4555 or 262-951-4599, respectively, if you have any questions.

Yours very truly,

Michelle Williams

Michelle Williams

Waukesha\39122MLW:MLW

Encs.

cc Tim Timmerman, Bluemound Plaza LLC (w/o encs.)
Donald P. Gallo, Esq. (w/o encs.)
Paul Sherburne, Esq. (w/o encs.)
Mr. Hans Stute (w/o encs.)
Mark Drews, Project Manager, WDNR (w/out encs)

PO BOX 61
ELM GROVE, WI 53122
262-821-5750 OFFICE
262-821-5735 FAX
EMAIL: jinvestmentinc@aol.com

Bluemound Plaza, LLC.

Fax

To:	Reinhart, Boerner-Van Deuren S.C. Attn. Michelle Williams	**From:**	Timothy H. Timmerman III
Fax:	262-951-4690	**Pages:**	3 including this page
Phone:	414-298-1000	**Date:**	4/24/06
Re:	GNZ Corporation	**cc:**	

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

• **Comments:**
Dear Ms. Williams:

Per your request, please see attached and signed application form.

If you would have any further questions or concerns, please do not hesitate contacting me at your earliest convenience.

Best Regards,
Timothy H. Timmerman III

Director of Operations
Bluemound Plaza, LLC. / DBA: Bluemound Plaza Shopping Center
P.O. Box 61
Elm Grove, WI 53122
Tel: (262) 821-5750
Fax: (262) 821-5735
E-mail jinvestmentinc@aol.com

called Tim to confirm site address... on 4/24/06 3:38 AK

Tim say there was also a chapel formal Wear at Suite 28 in the same strip Mall.

Tim also said he did ~~a~~ move out inspection on 3/1/06 to make sure all equipment was gone & he says it ~~was~~ was out before 3/1/06 AK 4/24/06

MWILLIAM @ reinhartlaw.com

Soellner, Jeffrey K

From: Soellner, Jeffrey K
Sent: Wednesday, April 26, 2006 5:27 PM
To: 'jinvestmentinc@aol.com'
Cc: 'Nachreiner, Sue M'; Michelle L. Williams
Subject: Bluemound Plaza site dry cleaner DERF

Hi Tim,
As I thought this one is going to be a challenge... the following message was sent by my contact at Dept. of Revenue (DOR) -

Comments: 4/26/06 Found Express Cleaners Corp (0000302444) registered 12/01 to 7/02 and returns not all filed. Also found GNZ Corporation (0002304773) registered 6/05 to present. Nothing else found for the period of 8/02 to 5/05.

Right now Tim you are not eligible for the program because your site has so many dry cleaners that haven't paid into the dry cleaning license fee before going out of business. DOR was not even able to find sales tax registration for several years that are needed.

Tim I think the best thing that you can do right now is to put together as detailed a list as possible about who operated the dry cleaner during what time periods between Oct., 1997 and when it closed down as a dry cleaner. If you have any current or recent contact information that would also be helpful. **All** of these dry cleaners are going to have to cooperate with the DOR in order for you to get reimbursed. The dry cleaning operators are *each* going to have to talk to the DOR and register the site as a dry cleaner, agree on the dollar amount that was dry cleaned during their time in the facility and pay that 1.8% for the Dry Cleaning license fee and any penalties or fees that are due. They will each have to talk to someone in Milwaukee at the DOR office or contact Sue Nachreiner (608-261-0793) at DOR here in Madison to get started.

I will be sending you an eligibility letter soon that just says all of the above in a more formal way. Jeff

Jeffrey Soellner, Fund Manager
Dry Cleaner Environmental Response Fund (DERF)
Bureau of Community Financial Assistance
WI Department of Natural Resources
phone 608-266-1967
fax 608-267-0496
Jeffrey.Soellner@dnr.state.wi.us
Check out the DERF web site
<http://www.dnr.state.wi.us/org/caer/cfa/LR/drycleaner/dryclean.html>

reinhartlaw.com

REINHART
BOERNER▪VAN DEUREN s.c.
ATTORNEYS AT LAW

March 20, 2006

Donald P. Gallo, Esq., P.E.
Direct Dial: 262-951-4555
dgallo@reinhartlaw.com

Mr. Mark Drews
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, WI 53188

2685060040
EKP

Dear Mr. Drews:

Re: 02-68-544712; Express Cleaners
19555 Bluemound Road, Suite 10,
Brookfield, WI

On behalf of our client, Bluemound Plaza, LLC, we would like to provide contact information for two more responsible parties for the above-captioned site. This information should have been included on the original notification of release.

Both of these parties are the two most recent tenants prior to the current one, Express Cleaners. They both operated drycleaning operations and per Wisconsin Statute §292.11(3) should be named as responsible parties in writing.

We also note that the BRRTS website does not list **anyone** as a named responsible party, though an "RP" letter was sent to Express Cleaners on January 12, 2006 and an "RP" letter was sent to Bluemound Plaza, LLC on March 8, 2006.

Additional Responsible Parties:
Vincent Moua, 6461 N. 51st Street, Milwaukee, WI 53223
By Moua, 4225 S. 28th Street, Franklin, WI 53132

Thank you for your attention to this matter.

Yours very truly,

Donald P. Gallo

Donald P. Gallo

Waukesha\38107DPG:TMS

cc Mr. Tim Timmerman
Mr. Paul Sherburne

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8606
TTY 711

March 8, 2006

FID: 268506040
BRRTS: 02-68-544712

Bluemound Plaza, LLC
Hans Stute
P.O. Box 61
Elm Grove, WI 53122

Subject: Reported Chlorinated Solvents, VOC's Contamination at Express Cleaners, 19555 Bluemound Rd., Suite 10, Brookfield

Dear Mr. Stute:

Based on the information submitted to the Wisconsin Department of Natural Resources (WDNR), we believe that Bluemound Plaza, LLC, is responsible for restoring the environment at the above referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law.

This letter describes your legal responsibilities as a person who is responsible under section 292.11, explains what you need to do to investigate, and clean up the contamination; provides you with information about cleanups, environmental consultants, and possible financial assistance; and working cooperatively with the Department of Natural Resources and Department of Commerce ("Commerce").

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

- RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first three steps to take:

1. Within the next **30 days**, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.

2. Within the next **60 days**, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 rule series and should refer to WDNR technical guidance documents. To facilitate prompt agency review of your reports, your consultant should use the site investigation and closure formats which are available on-line at www.dnr.state.wi.us.

3. Within 30 days of completion of the site investigation, you or your consultant must provide a site investigation report per s. NR 716.15. As the remedial activities proceed, you or your consultant should also provide a brief progress report at least every 90 days as required by s. NR 724.13(3), Wis. Adm. Code. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. Should conditions at your site warrant, we may require more frequent contacts.

4. Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the Department's Internet site. You may view the information related to your site at any time (http://www.dnr.state.wi.us/org/aw/rr/brrts) and use the feedback system to alert us to any errors in the data.

If you want a formal response from the Department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation to maintain your compliance with the spills law and chs. NR 700 through NR 749. **Do not delay the investigation of your site by waiting for a Department response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Victoria Stovall, Program Assistant
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

Additional Information for Site Owners:
Information to help you select a consultant, and materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method are enclosed. In addition, *Fact Sheet 2, Voluntary Party Remediation and Exemption from Liability* provides information on obtaining the protection of limited liability under s. 292.15, Stats.

Financial Assistance:
Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) may be available for some of the costs of cleaning up contamination from eligible petroleum storage tanks. For more information on the PECFA program, please call the Department of Commerce at 608-266-2424 or visit their web site at: http://www.commerce.state.wi.us/COM/Com-Petroleum.html. Funding is also available for cleanup at some drycleaning sites.

Call the DNR Victoria Stovall, Program Assistant at (414) 263-8688 for more information on eligibility or visit the RR web site. http://www.dnr.state.wi.us/org/aw/rr. You may also contact this person for all other questions regarding this letter.

Thank you for your cooperation.

Sincerely,

Victoria Stovall
Program Assistant
Remediation & Redevelopment Program
Southeast Region

Enclosures:
1. Is the Program for me
2. Selecting a consultant
3. Fact Sheet 2, VPLE
4. Env. Services Contractors List
5. The Ins and Outs of the Fund
6. When Does the Program End
7. Getting Your Money Back
8. The Dry Cleaner Environmental Response Fund Program
9. Chapter NR 169 Rule Revisions
10. DERF Program Application

cc: Valerie Ge Xiong, GNZ Corp., 8808 W. Palmetto Ave., Milwaukee, WI 53225
→ WDNR SER Files

GNZ Corporation
8808 W Palmetto Avenue
Milwaukee, WI 53225

February 20, 2006

FID: 268506040
BRRTS: 02-68-544712

Victoria Stoval, Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212

Subject: Reported Chlorinated Solvents, VOC's Contamination at Express Cleaners, 19555 Bluemound Rd, Suite 10, Brookfield, WI

Dear Victoria Stoval,

We are in receipt of your letter dated January 12, 2006. This correspondence shall constitute my written verification regarding the above referenced matter.

GNZ Corporation took over the dry cleaning business in June of 2005. Shortly after management, we have been notified of the contamination on the above reference business property. Please be advised that the contamination has existed prior to our management and are not liable. Having been in business for only six months we have taken every precaution in handling the cleaning and disposing of such chemicals. We have two full containers at the site that still needs to be picked up by Safety Kleen. Further more, due to business being slow, only one person has conducted the operation. The name of the person is Valerie Ge Xiong (co-owner).

Upon receipt of our letter, please contact the undersigned if you have any questions.

Sincerely,

Valerie Ge Xiong

cc: Mark Drew
Waltz Ebersohl
Mike Herbrand

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8606
TTY 711

January 12, 2006

FID: 268506040
BRRTS: 02-68-544712

GNZ Corporation
8808 W. Palmetto Avenue
Milwaukee, WI 53225

Subject: Reported Chlorinated Solvents, VOC's Contamination at Express Cleaners, 19555 Bluemound Rd, Suite 10, Brookfield

Dear Sir:

On November 29, 2005, Don Gallo, Reinhart, Boerner Van Deuren, on behalf of GNZ Corporation notified the Department of Natural Resources (WDNR) that soil and groundwater contamination had been detected at the site described above.

Based on the information submitted to the WDNR, we believe GNZ Corporation is responsible for investigating and restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law.

This letter describes your legal responsibilities as a person who is responsible under section 292.11, explains what you need to do to investigate, and clean up the contamination; provides you with information about cleanups, environmental consultants, and possible financial assistance; and working cooperatively with the Department of Natural Resources and Department of Commerce ("Commerce").

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

- RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:

The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first three steps to take:

1. Within the next **30 days**, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.

2. Within the next **60 days**, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 rule series and should refer to WDNR technical guidance documents. To facilitate prompt agency review of your reports, your consultant should use the site investigation and closure formats which are available on-line at www.dnr.state.wi.us.

Once an investigation has established the degree and extent of contamination involved at your site, your consultant will be able to determine whether Commerce or the Department of Natural Resources has authority over the case.

3. Within 30 days of completion of the site investigation, you or your consultant must provide a site investigation report per s. NR 716.15. As the remedial activities proceed, you or your consultant should also provide a brief progress report at least every 90 days as required by s. NR 724.13(3), Wis. Adm. Code. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. Should conditions at your site warrant, we may require more frequent contacts.

4. Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the Department's Internet site. You may view the information related to your site at any time (http://www.dnr.state.wi.us/org/aw/rr/brrts) and use the feedback system to alert us to any errors in the data.

If you want a formal response from the Department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation to maintain your compliance with the spills law and chs. NR 700 through NR 749. **Do not delay the investigation of your site by waiting for a Department response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Victoria Stovall, Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2300 North Martin Luther King Drive
Milwaukee, WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

Additional Information for Site Owners:
Information to help you select a consultant, and materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method are enclosed. In addition, *Fact Sheet 2, Voluntary Party Remediation and Exemption from Liability* provides information on obtaining the protection of limited liability under s. 292.15, Stats.

Financial Assistance:
Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) may be available for some of the costs of cleaning up contamination from eligible petroleum storage tanks. Please refer to the enclosed information sheet entitled *"Information about PECFA"* for more information on eligibility and regulations for this program. For more information on the PECFA program, please call the Department of Commerce at 608-266-2424 or visit their web site at:
http://www.commerce.state.wi.us/COM/Com-Petroleum.html. Funding is also available for cleanup at some drycleaning sites.

Call the DNR Victoria Stovall, Program Associate at (414) 263-8688 for more information on eligibility or visit the RR web site. http://www.dnr.state.wi.us/org/aw/rr. You may also contact this person for all other questions regarding this letter.

Thank you for your cooperation.

Sincerely,

Victoria Stovall

Victoria Stovall
Environmental Program Associate
Remediation & Redevelopment Program
Southeast Region

Enclosures: 1. Selecting a consultant
2. Fact Sheet 2, VPLE
3. Env. Services Contractors List
4. Inf. About PECFA Fact Sheet

cc: Don Gallo – Reinhart, Boerner Van Deuren
WDNR SER Files

State of Wisconsin
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: **Hazardous substance discharges must be reported immediately** according to the "Spills Law", s. 292.11 Wis. Stats., Section NR 706.05(1)(b), Wis. Adm. Code, requires that hazardous substance discharges are to be reported by one of three methods: telephoning the Department (toll free Spill Hotline number above), telefaxing a report to the Department or visiting a Department office in person. If you choose to notify the Department by telefax, you should use this form to be sure that all necessary information is included. However use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.). Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** FAX it to the appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- ☐ Underground Petroleum Storage Tank System
- ☐ Aboveground Petroleum Storage Tank System
- ☒ ? Dry Cleaner Facility (DERP eligibility based on: ☐ Facility owner/operator ☐ Property owner of licensed facility)
- ☐ Other - Describe:

TO DNR, ATTN: **R & R Program Assistant**	(Area Code) FAX Number

1. Discharge reported by:

Name	Firm	Date FAXed to DNR
Don Gallo	Reinhart, Boerner Van Deuren (DEUREN) 53187-2265	
Mailing Address		**(Area Code) Phone Number**
W233 N2080 Ridgeview Pkwy Waukesha		262-951-4555

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence / vacant property

~~Mona Cleaners~~ Express Cleaners

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60

19555 Bluemound Road - Suite 10

Municipality (City, Village, Township) Specify municipality in which the site is located, not mailing address/city

Brookfield

County:	Legal Description:
Waukesha	_____1/4, _____1/4, Section _____, Tn_____, Range _____E / W (circle one)

3. Responsible Party (RP) and/or RP Representative

☒ Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all Attach additional pages as necessary

GNZ Corporation

☐ Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats. For more information see http://dnr.wi.gov/org/aw/rr/liability/muni_1.html

Contact Person Name (if different)		Phone Number	
Mailing Address	**City**	**State**	**ZIP Code**
8808 W. Palmetto Ave.	Milwaukee	WI	53225

(continued)

State of Wisconsin
Department of Natural Resources

Fax Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Impact Information

Identify hazardous substance discharged (check all that apply):

METALS
- ☐ Arsenic
- ☐ Chromium
- ☐ Lead
- ☐ Mercury
- ☐ Metals (specify): _____

SOLVENTS
- ☒ Solvent-Chlorinated
- ☐ Solvent-Non Chlorinated
- ☐ PERC
- ☒ VOC's

INDUSTRIAL CHEMICALS
- ☐ Ammonia
- ☐ Cyanide
- ☐ Paint
- ☐ PCB's
- ☐ VOC's
- ☐ Fertilizers
- ☐ Pesticide/Herbicide/Insecticide(s)
- ☐ Leachate
- ☐ RCRA Hazardous Waste

PETROLEUM
- ☐ Diesel/Fuel Oil
- ☐ Engine Oil/Waste Oil
- ☐ Mineral/Transmission/Hydraulic Oil
- ☐ Gasoline (Pb/Non-Pb/Unknown)
- ☐ Jet Fuel/Kerosene
- ☐ MTBE
- ☐ VOC's
- ☐ PAH's/SVOC
- ☐ Petroleum-Unknown Type
- ☐ Unknown
- ☐ Other (specify):_____

Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply)

- ___ Air Contamination
- ___ Co-contamination
- ___ Concrete/Asphalt
- ___ Contained/Recovered
- ___ Contamination Within 1 Meter of Bedrock
- ___ Contaminated Private Well
- ___ Contaminated Public Well
- ___ Contamination in Fractured Bedrock
- ___ Contamination in Right of Way
- ___ Direct Contact
- ___ Expanding Plume
- ___ Fire Explosion Threat
- ___ Free Product
- K Groundwater Contamination
- ___ Off-Site Contamination
- ___ Other
- ___ Sanitary Sewer Contamination
- K Soil Contamination
- ___ Storm Sewer Contamination
- ___ Surface Water Contamination
- ___ Within 100 ft of Private Well
- ___ Within 1000 ft of Public Well

Contamination was discovered as a result of:

☐ Tank closure assessment Date

☐ Site assessment Date

Other – Describe: HAB-1 Soil PCE = 440ppb Date GP 1 grab H_2O GP 2 grab H_2O

Lab results:

☐ Lab results will be faxed upon receipt
☐ Lab results are attached

GP-1 [Chloromethane = .25 ppb and naphthalene = 2.4ppb]

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

HAB-3 HAB-4 HAB-5 PCE = 660ppb & 1100 ppb
↓
PCE = 740ppb

FAX numbers to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (920-662-5197); Attention - RR Program Assistant:
Brown, Calumet, Door, Fond du Lac ***(except City of Waupun - see South Central Region)***, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago counties

Northern Region (715-365-8932); Attention - RR Program Assistant:
Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (608-275-3338); Attention - RR Program Assistant:
Columbia, Dane, Dodge, Fond du Lac ***(City of Waupun only)***, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk counties

Southeast Region (414-263-8483); Attention - RR Program Assistant:
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha counties

West Central Region (715-839-6076); Attention – RR Program Assistant:
Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

* tony.labarre@novaconsulting.com
tom panning @ NOVA 952-361-8675.

Nova
Consulting Group, Inc.

CORPORATE HEADQUARTERS
Minneapolis, MN

OFFICE LOCATIONS
Chicago, IL
Dallas, TX
Denver, CO
Duluth, MN
Indianapolis, IN
Los Angeles, CA
Milwaukee, WI
New York, NY
Salt Lake City, UT
San Antonio, TX

December 11, 2005

Mr. Hans Stute
Janacek Investments
PO Box 61
Elm Grove, WI 53122

RE: Additional Phase II
Environmental Site Assessment
Bluemound Plaza
19555 W. Bluemound Road
Brookfield, WI 53045
Nova Project No. E05-2335

Dear Mr. Stute:

Nova is pleased to present this Additional Phase II Environmental Site Assessment (ESA) for the referenced location (Site). The objective of the Phase II ESA was to further evaluate the shallow soils at the Site for the presence and extent of solvent impacts associated with the current dry cleaning plants located at the dry cleaner and formal wear tenant spaces at the Site.

Thank you for choosing Nova to assist you with this project. If you have any questions, please contact Tony at (952) 361-8674 or Tom at (952) 361-8675.

Sincerely,

NOVA CONSULTING GROUP, INC.

Thomas J. Panning
Project Manger

Anthony R. LaBarre, PG, CHMM
National Practice Leader
Subsurface Investigations

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1.0 INTRODUCTION

1.1 Authorization

In accordance with the written authorization received from Janacek Investments care of Collateral Mortgage Capital, Nova Consulting Group, Inc. (Nova) conducted an Additional Phase II Environmental Site Assessment (ESA) of the Moua Cleaners tenant space and Chappel Formal Wear tenant space located at Bluemound Plaza, 19555 W. Bluemound Road, Brookfield, Wisconsin (Site). A Site Location Map is included as Figure 1.

1.2 Background

Based on the results of the Phase II ESA recently completed at the Site by Nova, solvent impacted soil associated with the on-Site dry cleaners and formal wear retailer was encountered.

Field screening of the soil samples collected from GP-1 and GP-2 (completed outside and adjacent to the front and rear doors of Moua Cleaners), HAB-1 (completed adjacent to the dry cleaning machine at Moua Cleaners) and HAB-2 (completed adjacent to the dry cleaning machine at Chappel Formal Wear) did not detect elevated concentrations of organic vapors when screened with a PID. In addition, no solvent-like odors or staining was observed in the soil samples collected from the borings completed at the Site.

Chemical analysis of the soil samples collected from HAB-1 and HAB-2, detected the presence of tetrachloroethylene at concentrations of 440 parts per billion and 37 parts per billion, respectively. Based on USEPA risk based cleanup formulas and Site specific conditions, the soil to groundwater risk based value was calculated to be 58 parts per billion.

Chemical analysis of the groundwater sample collected from GP-1 detected the presence of naphthalene at a concentration of 2.4 ppb and chloromethane at a concentration of 0.25 ppb. The detected concentration of naphthalene and chloromethane are well below the Wisconsin DNR groundwater quality enforcement standards of 40 ppb and 3 ppb, respectively. Chemical analysis of the groundwater sample collected from GP-2 did not detect the presence of VOCs. Additionally, chemical analysis of groundwater samples from GP-1 and GP-2 did not detect the presence of tetrachloroethylene or the breakdown products thereof.

In accordance with Wisconsin release reporting requirements, the identified soil contamination is required to be reported to the Wisconsin DNR. Based on conversations with WDNR Remediation and Redevelopment Dry Cleaner Program personnel, Nova recommended the completion of additional soil borings in the areas of the dry cleaning machines to further delineate the magnitude and extent of impacted soil and to determine if the concentrations detected at the Site would be considered an "investigatable release" or if no further action is required.

For additional information regarding the Phase II ESA, please refer to the report entitled "*Phase II Environmental Site Assessment, Bluemound Plaza, 19555 Bluemound Road, Brookfield, Wisconsin 53045*", Nova Project No. E05-2335, November 29, 2005.

1.3 Objective

The objective of this Additional Phase II ESA was to further evaluate the shallow soils at the Site for the presence and extent of solvent impacts adjacent to the two on-Site dry cleaning machines.

Based on this objective, Nova completed the following scope of services.

1.4 Scope of Services

The environmental services that Nova provided for this project included:

- Completion of three additional interior hand auger soil borings (labeled HAB-3, HAB-4 and HAB-5) at the tenant space occupied by Moua Cleaners;
- Completion of one additional interior hand auger soil boring (labeled HAB-6) at the tenant space occupied by Chappel Former Wear;
- Collection of soil samples on a continuous basis, classification of the soil samples, and soil screening for the presence of unusual odors and/or staining, including organic vapors using a photoionization detector (PID);
- Collection and submittal of soil samples from the interior borings for laboratory chemical analysis of chlorinated solvents associated with dry cleaning releases; and,
- Preparation of a written report summarizing the results of the assessment.

2.0 METHODS AND PROCEDURES

2.1 Soil Boring Locations

Nova completed four hand auger soil borings (labeled HAB-3 through HAB-6) at the Site on December 5, 2005. Please note soil borings HAB-1 and HAB-2 were completed as part of the previously completed Phase II ESA.

Soil boring HAB-3 was completed directly adjacent to the previously completed HAB-1. The boring was completed to a depth of 4 ½ to 5 feet to further evaluate the depth of the perchloroethylene detected at HAB-1. HAB-4 and HAB-5 were completed to the south and north, respectively, to further evaluate the horizontal extent of perchloroethylene impacts in the area of the dry cleaning machine.

Soil boring HAB-6 was completed directly adjacent to the previously completed HAB-2. The boring was completed to a depth of 6 feet to further evaluate the depth of the perchloroethylene detected at HAB-2.

A map depicting the soil boring locations is included as Figure 2.

2.2 Soil Boring Procedures

Soil borings HAB-3 through HAB-6 were completed using a nominal two-inch diameter, manually advanced stainless steel hand auger. Soil samples were collected at one-foot intervals to a depth of up to 6 feet at which point auger refusal was encountered. The hand auger was cleaned with alconox soap and a fresh water rinse between sampling intervals and was manually advanced into the ground.

An environmental geologist recorded a physical description of the soils encountered at each boring location on a field-boring log.

2.3 Field Screening

The Nova environmental geologist also screened the soil samples collected during the completion of the soil borings for indications of solvent contamination. The soil samples were evaluated for the presence of solvent-like odors or staining. Additionally, the soil samples were screened for the presence of organic vapors using a Mini Rae photoionization detector (PID). The PID was equipped with an 11.7 eV lamp and was calibrated to an isobutylene standard prior to being used at the Site. The soil samples were screened utilizing the headspace technique.

The headspace technique consists of half-filling a quart sized zip-lock type bag with a soil sample and quickly sealing the bag. Headspace development proceeds for at least 10 minutes. The bag is shaken vigorously for 15 seconds, at both the beginning and the end of the headspace development period. After headspace development, the bag is opened slightly and the PID probe is inserted to one-half the headspace depth. The highest reading observed on the PID is then recorded.

2.4 Laboratory Chemical Analyses

Soil samples were collected from HAB-3 through HAB-6 for laboratory chemical analysis. A summary of the sampling depths at each boring location is provided in Table 1.

Table 1
Summary of Soil Boring Locations and Sampling Depths

Soil Boring Number	Sampling Depth(s) (in feet)	Boring Location
HAB-3	4 ½ to 5	Moua Cleaners adjacent to previously completed HAB-1
HAB-4	2 and 5	South side of dry cleaning machine at Moua Cleaners
HAB-5	2 and 4 ½	North side of dry cleaning machine at Moua Cleaners
HAB-6	6	Chappel Cleaners adjacent to previously completed HAB-2

The samples were placed in laboratory-supplied containers, stored in a cooler, and transported to Pace Analytical Services in Green Bay, Wisconsin using chain-of-custody procedures. Pace Analytical is certified to analyze samples collected from the State of Wisconsin. The samples were chemically analyzed for the presence and concentration of volatile organic compounds (VOCs).

3.0 RESULTS

3.1 Geology and Site Conditions

Soil boring logs with descriptions of the encountered materials are contained in Appendix A.

In general, the soil encountered at HAB-3 through HAB-6 consisted of approximately 6 to 10 inches of concrete flooring and class 5 gravel underlain by clay with silt and gravel (glacial till) to the termination depth of the borings. Groundwater was previously encountered in soil borings GP-1 and GP-2 at approximately 7 feet bls.

3.2 Field Screening

Field screening of the soil samples collected from HAB-3 through HAB-6 did not detect elevated concentrations of organic vapors when screened with a PID. In addition, no solvent-like odors or staining was observed in the soil samples collected from the borings completed at the Site. The field screening results are provided on the soil boring logs in Appendix A.

3.3 Soil Chemical Analyses

Chemical analysis of the soil samples collected from HAB-4 and HAB-5 detected the presence of tetrachloroethylene at concentrations ranging from 400 to 1,100 ppb. Chemical analysis of the soil samples collected from HAB-3 and HAB-6 did not detect the presence of VOCs, including tetrachloroethylene. A summary of the chemical analysis results is provided in Table 2.

Table 2
Tetrachloroethylene Concentration Summary Table
(concentrations in parts per billion)

Boring Location	HAB-3		HAB-4		HAB-5		HAB-6	
Depth	-	4.5'	2'	5'	2'	4.5'	-	6'
PCE	-	ND	770	400	1,100	660	-	ND

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this Phase II ESA, solvent impacted soil associated with the on-Site dry cleaners and formal wear retailer was encountered.

Field screening of the soil samples collected from HAB-3 through HAB-6 did not detect elevated concentrations of organic vapors when screened with a PID. In addition, no solvent-like odors or staining was observed in the soil samples collected from the borings completed at the Site. The field screening results are provided on the soil boring logs in Appendix A.

Chemical analysis of the soil samples collected from HAB-4 and HAB-5 detected the presence of tetrachloroethylene at concentrations ranging from 400 to 1,100. Chemical analysis of the soil samples collected from HAB-3 and HAB-6, collected from the deepest sampling intervals of the investigation, did not detect the presence of VOCs, including tetrachloroethylene. Based on USEPA risk based cleanup formulas and Site specific conditions, the soil to groundwater risk based value was calculated to be 58 parts per billion. This concentration was confirmed by WIDNR Dry Cleaner Program personnel as being similar with other risk based concentrations established at other dry cleaner release investigations.

Previous chemical analysis of groundwater samples collected from GP-1 and GP-2, completed outside of and adjacent to the front and rear doors of Moua Cleaners, did not detect the presence of tetrachloroethylene.

Based on the results of this and the previous investigation, it appears that a limited release of tetrachloroethylene has occurred at both the formal wear tenant and the dry cleaner tenant. However, based on the absence of tetrachloroethylene in the deeper soil sample collected from the formal wear tenant and the low concentrations detected in the shallow soil sample collected from this location, the release at the formal wear tenant appears to be limited to a very low concentration in the shallow soils adjacent to the machine. Additionally, although the extent of solvent impacted soil at the dry cleaner tenant appears to be more horizontally and vertically extensive and at a higher concentration, chemical analysis of the deepest soil sample collected from this location did not detect the presence of tetrachloroethylene. Therefore, this release is also likely limited to the shallow soils in the area of the dry cleaning machine.

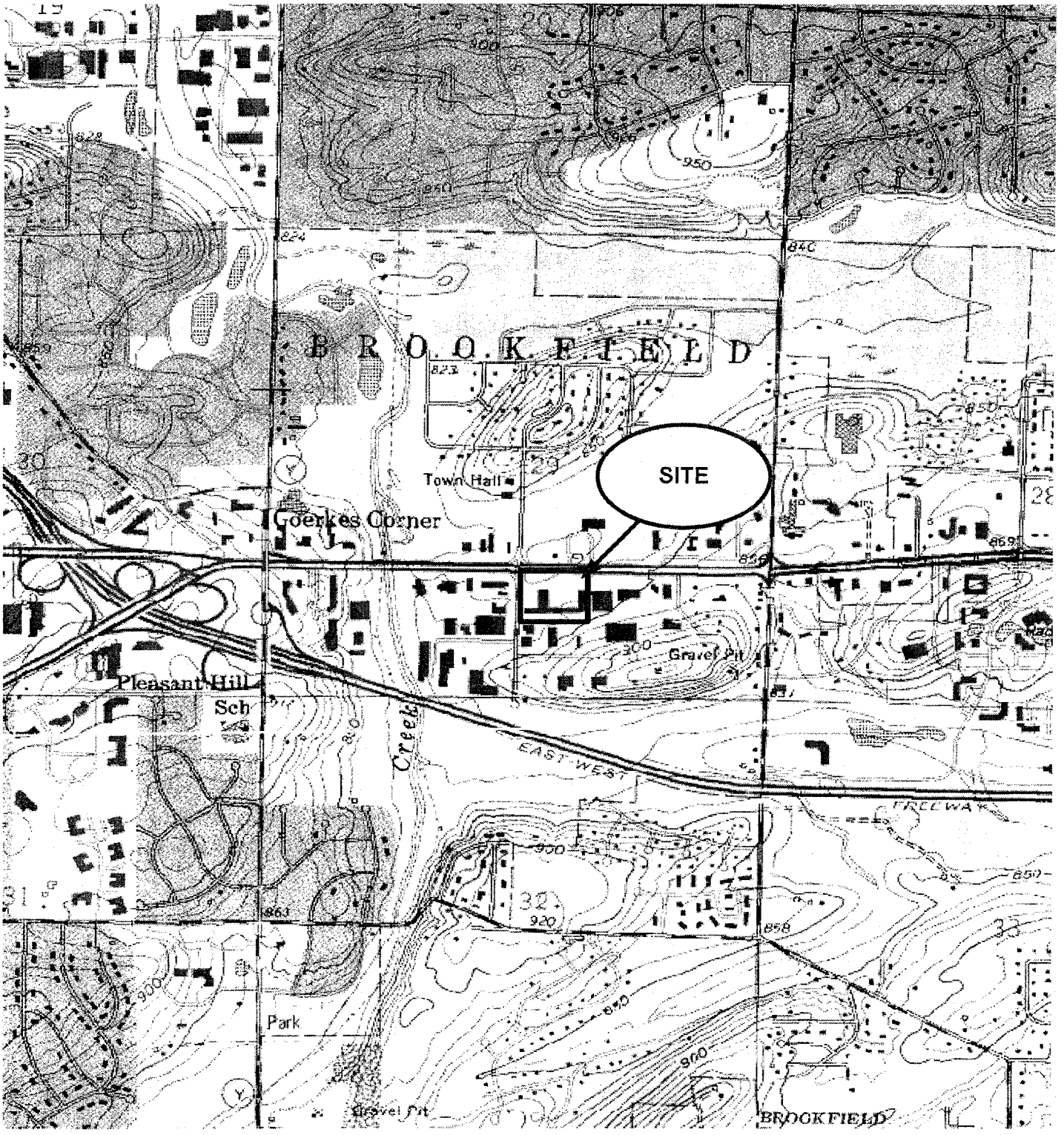
Nova recommends that the results of this investigation, along with the previous Phase II ESA and Phase I ESA recently completed by Nova be submitted to the WIDNR Dry Cleaner Program for review and issuance of a "No Further Action" determination. Nova also recommends that a tetrachloroethylene resistant epoxy be applied to the floor beneath and around the locations of the dry cleaning machines to prevent possible future accidental spills and releases from migrating through the concrete flooring. Better housekeeping and solvent handling practices should also be implemented.

In accordance with Wisconsin release reporting requirements, the identified soil contamination is required to be reported to the Wisconsin DNR. If additional investigation or remediation is required by the WIDNR, the estimated costs range from $50,000 to $100,000. However, please note that costs over $10,000 and up to $200,000 may be eligible for reimbursement under the Wisconsin Drycleaner Fund.

Upon request, Nova can report the release to the Wisconsin DNR and assist in obtaining a "No Further Action" letter from the Wisconsin DNR Remediation and Redevelopment Program. Typically, the WDNR requires 2 to 4 months to review and issue a no further action letter.

FIGURE 1

SITE LOCATION MAP



Site Location Map
Bluemound Plaza
19555 Bluemound Road
Brookfield, WI 53186

N

COLLA001
/ E05-2335

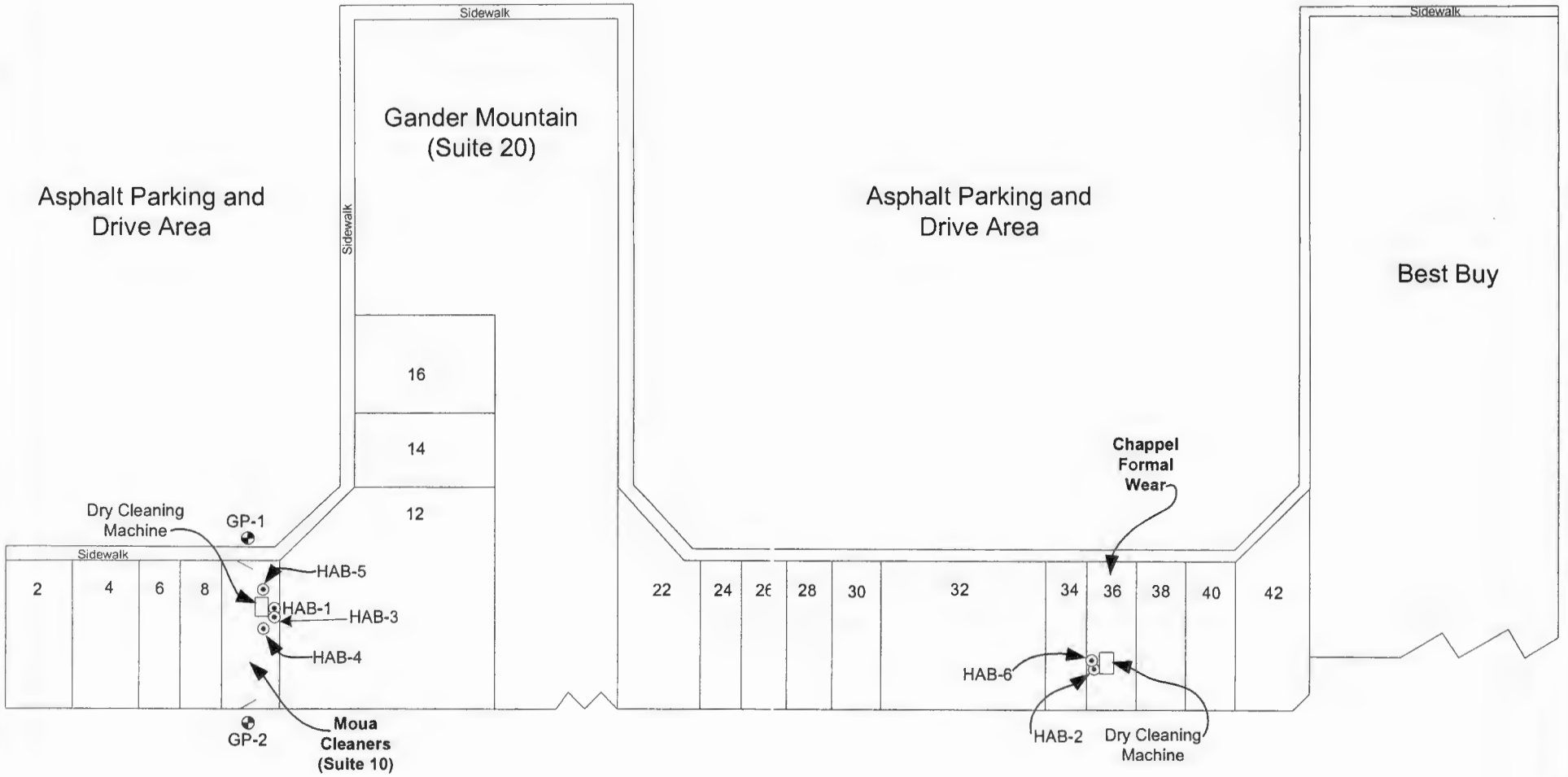
Environmental
Architecture
Engineering
Nova
Consulting Group, Inc.

December
2005

Figure 1

FIGURE 2

SOIL BORING LOCATIONS MAP



LEGEND

- Approximate Location of Hand Auger Boring
- Approximate Location of Geoprobe Soil Boring and Temporary Monitoring Well

Scale: 1 Inch = Approximately 80 Feet

Soil Boring Locations Map
Bluemound Plaza
19555 Bluemound Road
Brookfield, Wisconsin

N

COLLA001 / E05-2335

Environmental Architecture Engineering
Nova Consulting Group, Inc.

December 2005

Figure 2

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME:	*Bluemound Plaza-Moua Cleaners*	Boring No. : **HAB-3**
PROJECT LOCATION:	*19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-3 @ 2'	ND
3.0				
4.0			HAB-3 @ 4'	ND
4.5	CL	Clay with Poorly Sorted Sand, fine to medium grained, moist, brown. No odors or staining.	HAB-3 @ 4.5'	ND

END OF BORING 4.5 Feet - Refusal

Boring Depth (feet):	4.5 Feet	Driller: Eric Halpaus	Date of Boring: 12/5/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc

BORING LOG

PROJECT NAME:	*Bluemound Plaza-Moua Cleaners*	Boring No. :	**HAB-5**
PROJECT LOCATION:	*19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. :	*E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-5 @ 2'	ND
3.0				
4.0			HAB-5 @ 4'	ND
4.5	CL	Clay with Poorly Sorted Sand, fine to medium grained, moist, brown. No odors or staining.	HAB-5 @ 4.5'	ND

END OF BORING 4.5 Feet - Refusal

Boring Depth (feet):	4.5 Feet	Driller: Eric Halpaus	Date of Boring: 12/5/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME: *Bluemound Plaza-Chappel Formal Wear*			Boring No. : **HAB-6**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*			Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-6 @ 2'	ND
3.0				
4.0			HAB-6 @ 4'	ND
5.0	CL	Clay with Poorly Sorted Sand, fine to medium grained, moist, brown. No odors or staining.		
6.0			HAB-6 @ 6'	ND

END OF BORING

Boring Depth (feet):	6.0 Feet	Driller: Eric Halpaus	Date of Boring: 12/5/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc.

BORING LOG

PROJECT NAME:	*Bluemound Plaza-Moua Cleaners*	Boring No. :	**HAB-4**
PROJECT LOCATION:	*19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. :	*E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-4 @ 2'	ND
3.0				
4.0			HAB-4 @ 4'	ND
5.0	CL	Clay with Poorly Sorted Sand, fine to medium grained, moist, brown. No odors or staining.	HAB-4 @ 5'	ND

END OF BORING 5.0 Feet - Refusal

Boring Depth (feet):	5.0 Feet	Driller: Eric Halpaus	Date of Boring: 12/5/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

APPENDIX B

LABORATORY CHEMICAL ANALYSIS REPORT

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 867114

Client: NOVA ENVIRONMENTAL SERVICES

Lab Contact: Laurie Woelfel

Project Name: BLUEMOUND PLAZA

Project Number: E05-2335

Lab Sample Number	Field ID	Matrix	Collection Date
867114-001	HAB-3 @ 4.5'	SOIL	12/05/05
867114-002	HAB-4 @ 5'	SOIL	12/05/05
867114-003	HAB-5 @ 4.5'	SOIL	12/05/05
867114-004	HAB-6 @ 6'	SOIL	12/05/05
867114-005	HAB-4 @ 2'	SOIL	12/05/05
867114-006	HAB-5 @ 2'	SOIL	12/05/05

Laurie Woelfel — Approval Signature

12/7/05 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-3 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	83.5				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-3 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-001

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		100	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		101	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		96	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	92.4				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-002

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene		400	27	65		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		109	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		112	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		107	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	86.1				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 4.5'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-003

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene		660	29	70		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		106	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		108	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		102	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-6 @ 6'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	82.2				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-6 @ 6'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-004

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		100	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		101	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		98	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	94.1				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-4 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-005

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene		740	27	64		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		106	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		110	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		104	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	97.0				1	%		12/07/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 12/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 867114

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BLUEMOUND PLAZA
Project Number : E05-2335
Field ID : HAB-5 @ 2'

Matrix Type : SOIL
Collection Date : 12/05/05
Report Date : 12/07/05
Lab Sample Number : 867114-006

VOLATILES

Prep Date: 12/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Naphthalene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
n-Propylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Styrene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Tetrachloroethene		1100	26	62		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Toluene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Trichloroethene	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	25	25	60		50	ug/Kg	*	12/06/05	SW846 5030B	SW846 8260B
Xylene, o	<	25	25	60		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	50	50	120		50	ug/Kg		12/06/05	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL							
4-Bromofluorobenzene		99	64	133		50	%		12/06/05	SW846 5030B	SW846 8260B
Toluene-d8		102	67	139		50	%		12/06/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		95	64	140		50	%		12/06/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	867114-001	867114-002	867114-003	867114-004	867114-005	867114-006
PERCENT SOLIDS	B	B	B	B	B	B
VOLATILES	G	G	G	G	G	G

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: NOVA Project # 8107114

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used NA Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 20.1 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 12-6-05 AD

Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☒Yes ☐No ☐N/A	7. DUE: 12-7-05!
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 12/6/05

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Legibly)

Company Name: NOVA

Branch or Location: Chaska

Project Contact: Tony LaBarre

Telephone: 952.361.8674

Project Number: E05.2335

Project Name: ~~Brookfield~~ Plaza Bluemound

Project State: WI

Sampled By (Print): Eric Halpaus

PO #:

EN CHEM INC.

A Division of Pace Analytical Services, Inc.

CHAIN OF CUSTODY No. 136766

☐ 1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

Page 1 of 1

Quote #:

Mail Report To: Tony LaBarre

Company: NOVA - Chaska

Address:

Invoice To: Same

Company:

Address:

Mail Invoice To:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED? (YES/NO)

PRESERVATION (CODE)*

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program: UST, RCRA, SDWA, NPDES, CERCLA

Matrix Codes: GW=Ground Water, W=Water, S=Soil, A=Air, C=Charcoal, B=Biota, SI=Sludge, WP=Wipe

ANALYSES REQUESTED: VOC

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOC							TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	HAB-3 @4.5'	12/5	AM	S	✓							2	1-4oz poly^A, 1-2oz^F	
002	HAB-4@5'	12/5	PM	S	✓							2	↓	
003	HAB-5@4.5'	12/5	PM	S	✓							2	↓	
004	HAB-6@6'	12/5	PM	S	✓							2	↓	
005	HAB-4@2'	12/5	PM	S	✓							2	↓	
006	HAB-5@2'	12/5	PM	S	✓							2	↓	

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed: ASAP 24HRS
Transmit Prelim Rush Results by (circle):
Phone Fax (E-mail)
Phone #:
Fax #:
E-Mail Address: Tony / Eric

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/5/05	FED EX	
FED EX	12-6-05 0945	Ashley Bilsky	12-6-05 0945

En Chem Project No. 807114

Sample Receipt Temp. 3.0

Sample Receipt pH (Wet/Metals): NA

Cooler Custody Seal: Present / Not Present

Intact / Not Intact

Version 4.0: 09/04

REPORT

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Bluemound Plaza

19555 W. Bluemound Road

Brookfield, WI 53045

November 29, 2005

Nova Client No.: E05-2335/Client No.: COLLA001

REPORT

PHASE II
ENVIRONMENTAL SITE ASSESSMENT

Bluemound Plaza
19555 W. Bluemound Road
Brookfield, WI 53045

Nova Client No.: COLLA001
Project No.: E05-2335

November 29, 2005

Prepared for:

Thrivent Financial for Lutherans
625 Forth Avenue South, Ste 1040
Minneapolis, Minnesota 55415
Attn: Mr. Paul Porisch

And

Janacek Investments
PO Box 61
Elm Grove, WI 53122
Attn: Hans Stute

Prepared by:

Nova Consulting Group, Inc.
1107 Hazeltine Boulevard, Suite 400
Chaska, Minnesota 55318
(952) 448-9393

Nova
Consulting Group, Inc.

CORPORATE HEADQUARTERS
Minneapolis, MN

OFFICE LOCATIONS
Chicago, IL
Dallas, TX
Denver, CO
Duluth, MN
Indianapolis, IN
Los Angeles, CA
Milwaukee, WI
New York, NY
Salt Lake City, UT
San Antonio, TX

November 29, 2005

Mr. Hans Stute
Janacek Investments
PO Box 61
Elm Grove, WI 53122

RE: Phase II Environmental Site Assessment
Bluemound Plaza
19555 W. Bluemound Road
Brookfield, WI 53045
Nova Project No. E05-2335

Dear Mr. Stute:

Nova is pleased to present this Phase II Environmental Site Assessment (ESA) for the referenced location (Site). The objective of the Phase II ESA was to evaluate the shallow soils at the Site for the presence of solvent contamination associated with the current dry cleaners located at the Site.

Thank you for choosing Nova to assist you with this project. If you have any questions, please contact Tony at (952) 361-8674 or Tom at (952) 361-8675.

Sincerely,

NOVA CONSULTING GROUP, INC.

Thomas J. Panning
Project Manger

Anthony R. LaBarre, PG, CHMM
National Practice Leader
Subsurface Investigations

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Section **Page**

Figures

Appendices

1.0 INTRODUCTION

1.1 Authorization

In accordance with the written authorization received from Janacek Investments care of Collateral Mortgage Capital, Nova Consulting Group, Inc. (Nova) conducted a Phase II Environmental Site Assessment (ESA) of the Moua Cleaners tenant space and Chappel Formal Wear tenant space located at Bluemound Plaza, 19555 W. Bluemound Road, Brookfield, Wisconsin (Site). A Site Location Map is included as Figure 1.

1.2 Background

Based on information obtained during the recent completion of a Phase I ESA, the following recognized environmental conditions were identified:

The tenant space occupied by Chappel Formal Wear has conducted on-Site dry-cleaning since 2004. The dry cleaning machine is a closed-loop dry cleaning system with a metal spill containment pan located beneath the dry cleaning machine with the spent dry cleaning fluid stored on a secondary containment device. No stains or spills were observed in the area of the machine. Although no visual signs of contamination were observed, the operating dry cleaner is of environmental concern due to the potential for undetected/unreported releases associated with dry cleaning activities and the environmental persistence of dry cleaning chemicals. Dry cleaning typically involves use of hazardous chemicals (perchloroethylene) and generation of hazardous wastes, characteristics of which when released can leave no visible trace of releases or spills. Therefore, the activities associated with use of the Site as a dry cleaning operation since 2004 have the potential to have resulted in impacts to the Site subsurface.

A dry cleaning facility has operated within the Moua Cleaners tenant space since at least 1989. The Site reconnaissance revealed indications of spills and staining near waste perchloroethylene (PERC) drums behind the dry cleaning machine. In addition, five-gallon containers used to store the dry cleaning filters were uncovered and are a potential source of impact to the Site. These filters were also stored near the dry cleaning machine.

For additional information regarding the Phase I ESA, please refer to the report entitled "*Phase I Environmental Site Assessment, Bluemound Plaza, 19555 Bluemound Road, Brookfield, Wisconsin 53045",* Nova Project No. E05-2119, November 9, 2005.

1.3 Objective

The objective of this Phase II ESA was to evaluate the shallow soils at the Site for the presence of solvent contamination associated with the two on-Site dry cleaning facilities.

Based on this recognized environmental condition, Nova completed the following scope of services.

1.4 Scope of Services

The environmental services that Nova provided for this project included:

- Completion of two exterior direct push soil borings (labeled GP-1, GP-2) adjacent to the Moua Cleaners tenant space;
- Completion of one interior hand auger soil boring (labeled HAB-1) at the tenant space occupied by Moua Cleaners;
- Completion of one interior hand auger soil boring (labeled HAB-2) at the tenant space occupied by Chappel Former Wear;
- Collection of soil samples on a continuous basis, classification of the soil samples, and soil screening for the presence of unusual odors and/or staining, including organic vapors using a photoionization detector (PID);
- Collection and submittal of soil samples from the interior borings for laboratory chemical analysis of chlorinated solvents associated with dry cleaning releases;
- Collection and submittal of two groundwater samples from the exterior borings for laboratory chemical analysis of chlorinated solvents associated with dry cleaning releases;
- Preparation of a written report summarizing the results of the assessment.

2.0 METHODS AND PROCEDURES

2.1 Soil Boring Locations

Nova completed two direct push soil borings (labeled GP-1, GP-2) and two hand auger soil boring (labeled HAB-1 and HAB-2) at the Site on November 21, 2005. Soil boring GP-1 was completed near the front entrance of the Moua Dry Cleaners tenant space in an expected upgradient or sidegradient groundwater flow direction from dry cleaning operations. Soil boring GP-2 was completed near the rear entrance of the Moua Dry Cleaners tenant space. Chlorinated dry cleaning solvents are brought into and out of the building from the rear entrance. Hand auger soil boring (labeled HAB-1) was completed within the tenant space occupied by Moua Clenaners and located within 2 feet of the chemical storage area and dry cleaning equipment. Hand auger soil boring (labeled HAB-2) was completed within the tenant space occupied by Chappel Formal Wear and located within 2 feet of the chemical storage area and dry cleaning equipment. A map depicting the soil boring locations is included as Figure 2.

2.2 Soil Boring Procedures

Soil borings GP-1 and GP-2 were completed using a truck mounted Geoprobe® Model 5400 Hydraulic push probe. A Geoprobe® Macro-Core sampler was used to collect the soil samples from the borings at continuous four-foot intervals to the termination depth of the borings (11 feet below land surface [bls]). The Macro-Core sampler consists of a 2.25-inch outside diameter; 48-inch long nickel-plated alloy-steel sampling tube which is continuously filled with soil as it is pushed and/or hammered to the desired sampling depth. The samples were collected utilizing disposable poly-vinyl chloride (PVC) liners. The liners were removed from the Macro-Core after each sampling interval and a new liner was inserted into the Macro-Core for the next sampling interval. The borings were completed to a depth of 12 feet below land surface (bls). Groundwater was encountered in GP-1 and GP-2 at approximately 7 feet bls.

Soil borings HAB-1 and HAB-2 were completed using a nominal two-inch diameter, manually advanced stainless steel hand auger. Soil samples were collected at one-foot intervals to a depth of 18 inches and 3 feet respectively at which point auger refusal was encountered. The hand auger was cleaned with alconox soap and a fresh water rinse between sampling intervals and was manually advanced into the ground.

An environmental geologist recorded a physical description of the soils encountered at each boring location on a field-boring log.

2.3 Field Screening

The Nova environmental geologist also screened the soil samples collected during the completion of the soil borings for indications of solvent contamination. The soil samples were evaluated for the presence of solvent-like odors or staining. Additionally, the soil samples were screened for the presence of organic vapors using a Mini Rae photoionization detector (PID). The PID was equipped with an 11.7 eV lamp and was calibrated to an isobutylene standard prior to being used at the Site. The soil samples were screened utilizing the headspace technique.

The headspace technique consists of half-filling a quart sized zip-lock type bag with a soil sample and quickly sealing the bag. Headspace development proceeds for at least 10 minutes. The bag is shaken vigorously for 15 seconds, at both the beginning and the end of the headspace development period. After headspace development, the bag is opened slightly and the PID probe is inserted to one-half the headspace depth. The highest reading observed on the PID is then recorded.

2.4 Laboratory Chemical Analyses

Soil samples were collected from HAB-1 and HAB-2 for laboratory chemical analysis. Soil samples were collected from HAB-1 and HAB-2 at the base of the boring (18 inches and 3 feet respectively). Groundwater was encountered in GP-1 and GP-2 at approximately 7 feet bls. Therefore, a groundwater samples was collected in GP-1 and GP-2 from 6 feet to 11 feet bls.

The samples were placed in laboratory-supplied containers, stored in a cooler, and transported to Pace Analytical Services in Green Bay, Wisconsin using chain-of-custody procedures. Pace Analytical is certified to analyze samples collected from the State of Wisconsin. The samples were chemically analyzed for the presence and concentration of volatile organic compounds (VOCs).

3.0 RESULTS

3.1 Geology and Site Conditions

Soil boring logs with descriptions of the encountered materials are contained in Appendix A.

In general, the soil encountered at the Site consisted of clay with silt and gravel (glacial till). Groundwater was encountered in soil boring GP-1 and GP-2 at approximately 7 feet bls. Hand auger refusal was encountered at 18 inches in HAB-1 and 3 feet in HAB-2.

3.2 Field Screening

Field screening of the soil samples collected from GP-1, GP-2, HAB-1 and HAB-2 did not detect elevated concentrations of organic vapors when screened with a PID. In addition, no solvent-like odors or staining was observed in the soil samples collected from the borings completed at the Site. The field screening results are provided on the soil boring logs in Appendix A.

3.3 Soil Chemical Analyses

Chemical analysis of the soil samples collected from HAB-1 and HAB-2 detected the presence of tetrachloroethylene at concentrations of 440 parts per billion (ppb) and 37 ppb, respectively.

3.4 Groundwater Chemical Analyses

Chemical analysis of the groundwater sample collected from GP-1 detected the presence of naphthalene at a concentration of 2.4 ppb and chloromethane at a concentration of 0.25 ppb. Chemical analysis of the groundwater sample collected from GP-2 did not detect the presence of VOCs, including tetrachloroethylene or the breakdown products thereof.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this Phase II ESA, solvent impacted soil associated with the on-Site dry cleaners and formal wear retailer was encountered.

Field screening of the soil samples collected from GP-1, GP-2, HAB-1 and HAB-2 did not detect elevated concentrations of organic vapors when screened with a PID. In addition, no solvent-like odors or staining was observed in the soil samples collected from the borings completed at the Site.

Chemical analysis of the soil samples collected from HAB-1, completed at the dry cleaner, and HAB-2, completed at the formal wear retailer, detected the presence of tetrachloroethylene at concentrations of 440 parts per billion and 37 parts per billion, respectively. Based on USEPA risk based cleanup formulas and Site specific conditions, the soil to groundwater risk based value was calculated to be 58 parts per billion.

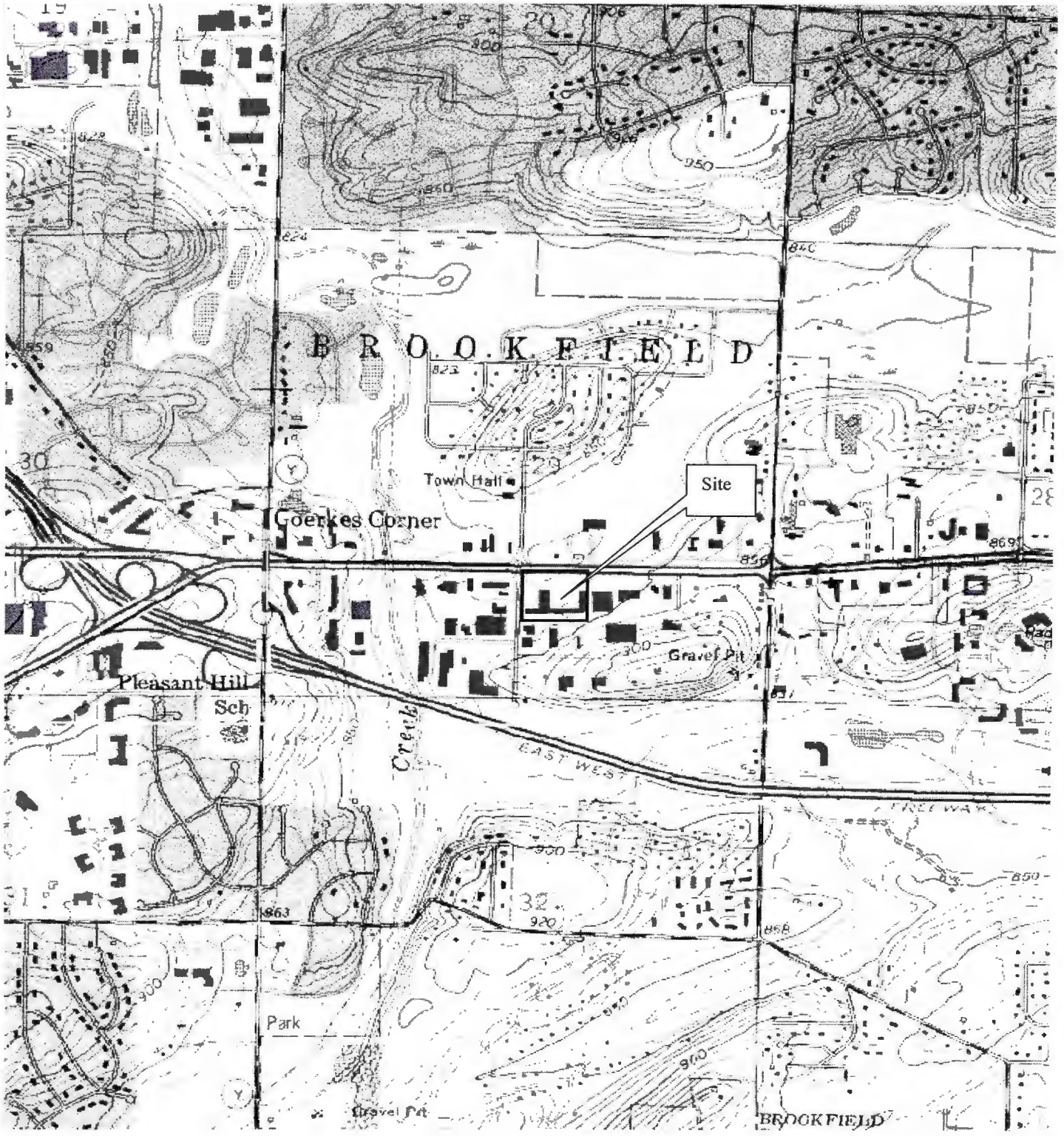
Chemical analysis of the groundwater sample collected from GP-1 detected the presence of naphthalene at a concentration of 2.4 ppb and chloromethane at a concentration of 0.25 ppb. The detected concentration of naphthalene and chloromethane are well below the Wisconsin DNR groundwater quality enforcement standards of 40 ppb and 3 ppb, respectively. Chemical analysis of the groundwater sample collected from GP-2 did not detect the presence of VOCs. Additionally, chemical analysis of groundwater samples from GP-1 and GP-2 did not detect the presence of tetrachloroethylene or the breakdown products thereof.

In accordance with Wisconsin release reporting requirements, the identified soil contamination is required to be reported to the Wisconsin DNR. Based on conversations with WDNR Remediation and Redevelopment Dry Cleaner Program personnel, Nova recommends the completion of additional soil borings in the areas of the dry cleaning machines to further delineate the magnitude and extent of impacted soil in the area of the dry cleaning machines and to determine if the concentrations detected at the Site would be considered an "investigatable release" or if no further action is required. Estimated costs for the delineation of the impacted soil only range from $5,000 to $10,000. If remediation is required, the estimated costs range from $50,000 to $100,000. However, please note that costs over $10,000 and less than $200,000 may be eligible for reimbursement under the Wisconsin Drycleaner Fund.

Upon request, Nova can report the release to the Wisconsin DNR and assist in obtaining a "No Further Action" letter from the Wisconsin DNR Remediation and Redevelopment Program.

FIGURE 1

SITE LOCATION MAP



Site Location Map
Bluemound Plaza
19555 Bluemound Road
Brookfield, WI 53186

N

COLLA001
/ E05-2335

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Architecture
Engineering
Nova
Consulting Group, Inc.

November -
2005

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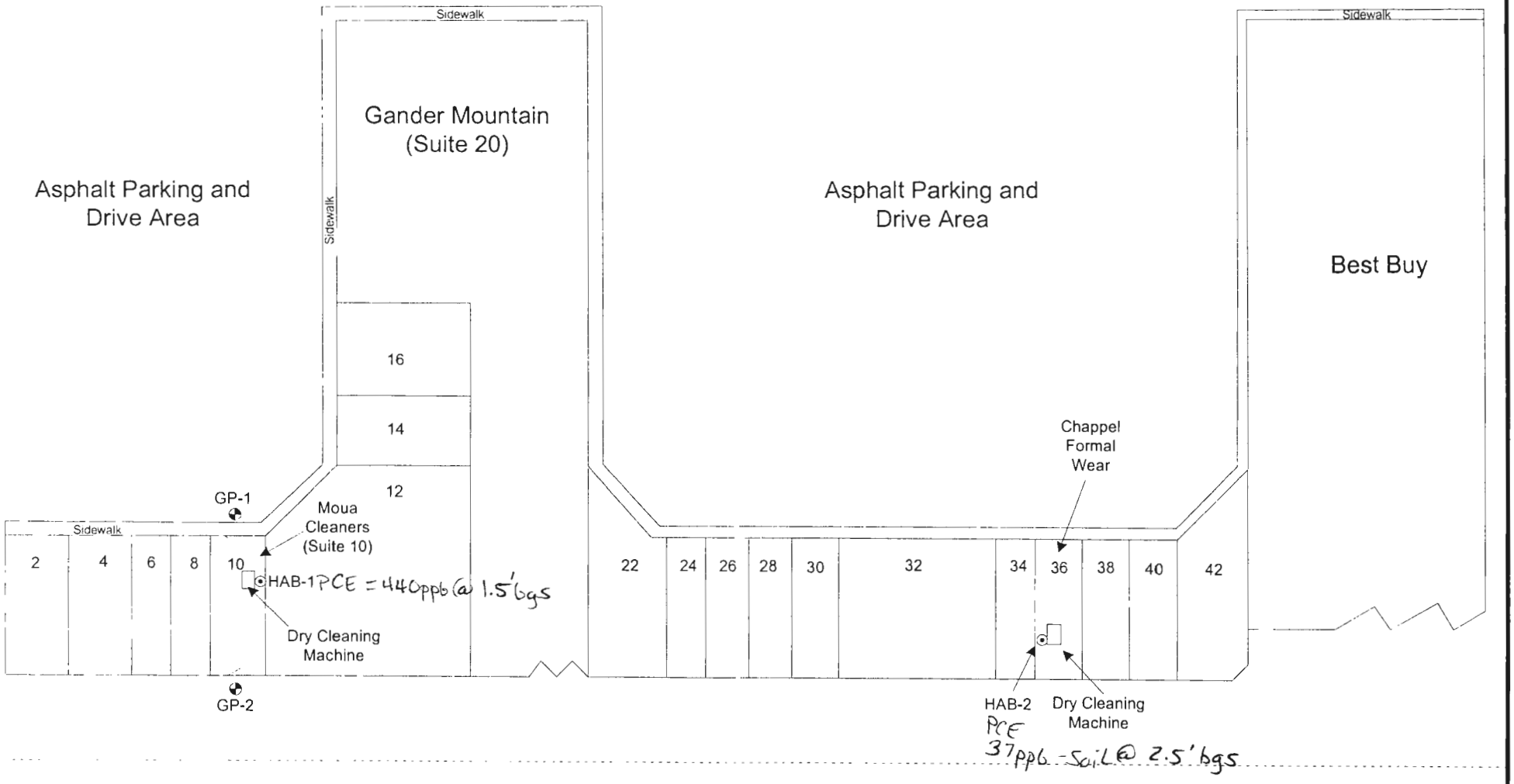
FIGURE 2

SOIL BORING LOCATIONS MAP



LEGEND

- Approximate Location of Hand Auger Boring
- Approximate Location of Geoprobe Soil Boring and Temporary Monitoring Well

Scale: 1 Inch = Approximately 80 Feet

Site Diagram
Bluemound Plaza
19555 Bluemound Road
~~Des Moines, Iowa~~ Brookfield, WI

N

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November - 2005

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APPENDIX A

SOIL BORING LOGS

Environmental Architecture Engineering
Nova Consulting Group, Inc

BORING LOG

PROJECT NAME: *Bluemound Plaza-Moua Cleaners*			Boring No. : **GP-1**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*			Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Asphalt and Class 5		
2.0	CL / ML	Clay with Silt, moist, brown, black, organic, some small sand lenses. No odors or staining.		
3.0				
4.0			GP-1 @ 4'	ND
5.0				
6.0				
7.0				
8.0	CL / SP	Clay with Poorly Sorted Sand and Sand Lenses, fine to medium grained, saturated at 7 feet. Black, gray, organic, no odors or staining.	GP-1 @ 8'	ND
9.0				
10.0				
11.0				
12.0			GP-1 @ 12'	ND

END OF BORING - Temporary Well Installed

Boring Depth (feet):	12 Feet	Driller: Eric Halpaus	Date of Boring: 11/21/2005
Groundwater Depth:	~ 7 feet	Rig: *Geoprobe 5400*	

ND = Not detected above background.

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BORING LOG

PROJECT NAME:	*Bluemound Plaza-Moua Cleaners*	Boring No. :	**GP-2**
PROJECT LOCATION:	*19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. :	*E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Asphalt and Class 5		
2.0	CL / ML	Clay with Silt, moist, brown, black, organic, some small sand lenses. No odors or staining.		
3.0				
4.0			GP-2 @ 4'	ND
5.0				
6.0				
7.0				
8.0	CL / SP	Clay with Poorly Sorted Sand and Sand Lenses, fine to medium grained, saturated at 7 feet. Black, gray, organic, no odors or staining.	GP-2 @ 8'	ND
9.0				
10.0				
11.0				
12.0			GP-2 @ 12'	ND

END OF BORING - Temporary Well Installed

Boring Depth (feet):	12 Feet	Driller: Eric Halpaus	Date of Boring: 11/21/2005
Groundwater Depth:	~ 7 feet	Rig: *Geoprobe 5400*	

ND = Not detected above background.

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Nova Consulting Group, Inc

BORING LOG

PROJECT NAME:	*Bluemound Plaza-Moua Cleaners*		Boring No. : **HAB-1**
PROJECT LOCATION:	*19555 Bluemound Road, Brookfield, Wisconsin*		Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	SP	Poorly Sorted Sand, brown, moist, fine to medium grained, no odors or staining.	HAB-1 @ 2'	ND

END OF BORING - AUGER REFUSAL

Boring Depth (feet):	1 Feet	Driller: Tom Panning	Date of Boring: 11/21/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

Environmental Architecture Engineering
Nova Consulting Group, Inc

BORING LOG

PROJECT NAME: *Bluemound Cleaners-Chappel Formal Wear*	Boring No. : **HAB-2**
PROJECT LOCATION: *19555 Bluemound Road, Brookfield, Wisconsin*	Nova Project No. : *E05-2335*

DEPTH (FEET)	USCS GROUP SYMBOL	DESCRIPTION	COLLECTED SAMPLE NAME	PID (PPM)
1.0		Concrete and Class 5		
2.0	CL / SP	Clay with Poorly Sorted Sand, fine to medium grained, brown, moist. No odors or staining.	HAB-2 @ 2'	ND
3.0			HAB-2 @ 3'	ND

END OF BORING - AUGER REFUSAL

Boring Depth (feet):	3 Feet	Driller: Tom Panning	Date of Boring: 11/21/2005
Groundwater Depth:	Not Encountered	Rig: *Hand Boring Equipment*	

ND = Not detected above background.

APPENDIX B

LABORATORY CHEMICAL ANALYSIS REPORT

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-1

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-001

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloromethane		0.25	0.24	0.80		1	ug/L	QM	11/23/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Naphthalene		2.4	0.74	2.5		1	ug/L	QM	11/23/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	0.93	0.93	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-1

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-001

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	< 0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylene, o	< 0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 1.8	1.8	6.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	80	64	132		1	%		11/23/05	SW846 5030B	SW846 8260B
Toluene-d8	83	73	127		1	%		11/23/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	88	68	122		1	%		11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-2

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-002

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methylene Chloride	<	0.43	0.43	1.4		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	0.93	0.93	3.1		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : GP-2

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-002

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	0.97	0.97	3.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L	M	11/23/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		78	64	132		1	%		11/23/05	SW846 5030B	SW846 8260B
Toluene-d8		84	73	127		1	%		11/23/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		87	68	122		1	%		11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : HAB-1 @ 1.5'

Matrix Type : SOIL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	96.6				1	%		11/23/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg	&	11/28/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg	&	11/28/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : HAB-1 @ 1.5'

Matrix Type : SOIL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-003

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Tetrachloroethene	440	26	62		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg	11/28/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	106	64	133		50	%	11/28/05	SW846 5030B	SW846 8260B
Toluene-d8	110	67	139		50	%	11/28/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	64	140		50	%	11/28/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : HAB-2 @ 2.5'

Matrix Type : SOIL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Percent Solids	92.8				1	%		11/23/05	SM M2540G	SM M2540G

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/Kg	&	11/28/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/Kg	&	11/28/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : HAB-2 @ 2.5'

Matrix Type : SOIL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-004

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methylene Chloride	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
n-Propylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Tetrachloroethene	37	27	65		50	ug/Kg	Q	11/28/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/Kg		11/28/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	107	64	133		50	%		11/28/05	SW846 5030B	SW846 8260B
Toluene-d8	110	67	139		50	%		11/28/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	114	64	140		50	%		11/28/05	SW846 5030B	SW846 8260B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-005

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	<	0.92	0.92	3.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	<	0.90	0.90	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	<	0.20	0.20	0.67		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	<	0.42	0.42	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	<	0.75	0.75	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	<	0.57	0.57	1.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	<	0.75	0.75	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	<	0.74	0.74	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	<	0.99	0.99	3.3		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	<	0.87	0.87	2.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	<	0.56	0.56	1.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	<	0.36	0.36	1.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	<	0.46	0.46	1.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	<	0.87	0.87	2.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	<	0.61	0.61	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	<	0.95	0.95	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	<	0.62	0.62	2.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	<	0.85	0.85	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	<	0.74	0.74	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Benzene	<	0.41	0.41	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromobenzene	<	0.82	0.82	2.7		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromochloromethane	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromodichloromethane	<	0.56	0.56	1.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromoform	<	0.94	0.94	3.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Bromomethane	<	0.91	0.91	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	<	0.49	0.49	1.6		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chlorobenzene	<	0.41	0.41	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	<	0.81	0.81	2.7		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chloroethane	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chloroform	<	0.37	0.37	1.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Chloromethane	<	0.24	0.24	0.80		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Dibromomethane	<	0.60	0.60	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	<	0.99	0.99	3.3		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	<	0.76	0.76	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Ethylbenzene	<	0.54	0.54	1.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	<	0.79	0.79	2.6		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	<	0.67	0.67	2.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Isopropylbenzene	<	0.59	0.59	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Methylene Chloride		5.5	0.43	1.4		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	<	0.61	0.61	2.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Naphthalene	<	0.74	0.74	2.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
N-Butylbenzene	<	0.93	0.93	3.1		1	ug/L	11/23/05	SW846 5030B	SW846 8260B

Face Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-005

VOLATILES

Prep Date: 11/23/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code Anl Date	Prep Method	Anl Method
n-Propylbenzene	<	0.81	0.81	2.7		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	<	0.67	0.67	2.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	<	0.89	0.89	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Styrene	<	0.86	0.86	2.9		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	<	0.97	0.97	3.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Tetrachloroethene	<	0.45	0.45	1.5		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Toluene	<	0.67	0.67	2.2		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	<	0.89	0.89	3.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	<	0.19	0.19	0.63		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Trichloroethene	<	0.48	0.48	1.6		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Vinyl Chloride	<	0.18	0.18	0.60		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Xylene, o	<	0.83	0.83	2.8		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Xylenes, m + p	<	1.8	1.8	6.0		1	ug/L	11/23/05	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene		80	64	132		1	%	11/23/05	SW846 5030B	SW846 8260B
Toluene-d8		85	73	127		1	%	11/23/05	SW846 5030B	SW846 8260B
Dibromofluoromethane		85	68	122		1	%	11/23/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : MEOH BLANK

Matrix Type : METHANOL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-006

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Benzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromochloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromoform	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	60		50	ug/L	&	11/28/05	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	60		50	ug/L	&	11/28/05	SW846 5030B	SW846 8260B
Chloroform	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Dibromomethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Isopropylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Naphthalene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
N-Butylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 866763

Client : NOVA ENVIRONMENTAL SERVICES
Project Name : BROOKFIELD - BLUEMOUND PLAZA
Project Number
Field ID : MEOH BLANK

Matrix Type : METHANOL
Collection Date : 11/21/05
Report Date : 11/28/05
Lab Sample Number 866763-006

VOLATILES

Prep Date: 11/23/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
n-Propylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
sec-Butylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Styrene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
tert-Butylbenzene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Tetrachloroethene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Toluene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Trichloroethene	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Xylene, o	< 25	25	60		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Xylenes, m + p	< 50	50	120		50	ug/L		11/28/05	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	92	64	133		50	%		11/28/05	SW846 5030B	SW846 8260B
Toluene-d8	92	67	139		50	%		11/28/05	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	64	140		50	%		11/28/05	SW846 5030B	SW846 8260B