

**PHASE II ENVIRONMENTAL
ASSESSMENT REPORT**

**Burlington International Airport House Removals
AIP 81**

64, 68, 73 & 77 Dumont Avenue
5 Maryland Street
3 Elizabeth Street
1227, 1247, 1261, 1265 & 1387 Airport Drive

South Burlington, Vermont 05403

February 2012

KAS # 509110227

Prepared for
Stantec Consulting, Inc.
55 Green Mountain Drive
South Burlington, Vermont 05403

Prepared by



368 Avenue D Suite 15 • P.O. Box 787 • Williston, VT 05495
802-383-0486 • Fax 802-383-0490

www.kas-consulting.com



1.0 INTRODUCTION..... 2

2.0 SCOPE OF WORK 3

 2.1 Notifications, Approvals, Project Coordination, HASP3

 2.2 Above Ground Storage Tank Decommissioning and Cleaning.....4

 2.3 Building Materials Waste Characterization.....5

 2.4 Household Hazardous Waste Removal6

3.0 CONCLUSIONS AND RECOMMENDATIONS 7

Appendix A Properties Locations Map

Appendix B Photographs

Appendix C Waste Manifest Copies

Appendix D Building Materials Laboratory Data

Appendix E Site Sketches-Additional Phase II ESA

1.0 INTRODUCTION

KAS, Inc. (KAS), conducted Phase II Environmental Site Assessment (ESA) activities at eleven properties within Airport Improvement Project 81 (AIP 81) owned by the Burlington International Airport in South Burlington, Vermont. This work took place from November 2011 through February 2012.

KAS performed the work for Stantec Consulting, Inc. (Stantec) according to written notice to proceed provided by Stantec on November 10, 2011 and under the terms of the sub-consultant agreement by and between KAS and Stantec dated December 6, 2011. KAS performed overall management and select aspects of the work and retained two subcontractors in connection with this work, as outlined in Section 2.1.

The eleven Phase II ESA work locations within AIP 81 included:

- 64, 68, 73 & 77 Dumont Avenue
- 5 Maryland Street
- 3 Elizabeth Street
- 1227, 1247, 1261, 1265 & 1387 Airport Drive

The locations of these properties are shown on the properties locations map in Appendix A. This report presents a summary of the work that was approved and performed. The conclusions of the work are that six above-ground fuel oil storage tanks (ASTs) were successfully decommissioned, household hazardous waste were removed from two homes and properly transported and disposed of, and that none of the building materials samples collected and tested were indicative of hazardous demolition wastes.

KAS' sub-consultant agreement with Stantec also provides for KAS' performance of asbestos inspection at all structures within AIP 81 and preparation of asbestos abatement specifications. This work has been completed and has been reported on separately for contractor bidding purposes.

There are two matters of possible environmental concern in AIP 81 which will need to be followed up on during house removals. These were not part of KAS' Phase II work scope and will be most efficiently followed up on once the house foundations in question are removed. During KAS' Phase I ESA,¹ a spill of #2 fuel oil was discovered at 77 Dumont Avenue on September 22, 2011. The response to this finding and KAS' recommendations are contained

¹ KAS, Phase I Environmental Site Assessment Report, Burlington International Airport AIP 81, October 2011.

in Section 3 of this report. Also, there remains a pipe in the concrete foundation at 1227 Airport Drive the purpose of which is not known and which will need to be investigated during foundation demolition to determine if it is connected to a tank or other possible contamination source.

2.0 SCOPE OF WORK

The following work scope was completed.

- Preparation of submittals, notifications, approvals, project coordination, and health and safety plan preparation;
- Decommissioning of six ASTs, which included cutting, cleaning and waste containerization, transport and disposal of tank derived wastes by a licensed contractor;
- Characterization (sampling and testing) of building materials for waste disposal purposes via toxicity characteristic leaching procedure (TCLP) and lead testing;
- Removal of identified household hazardous waste materials from the individual houses under manifest, and transport and disposal by a licensed contractor;
- Preparation of a Phase II ESA report (this report).

2.1 Notifications, Approvals, Project Coordination, HASP

Notifications/Approvals

Several notifications and approvals were necessary to implement the work as planned. These were as follows. No permits were required.

- Notification and access agreement of Burlington International Airport staff for coordination purposes, KAS notified Kurt Miller of pending work so that access could be gained to the individual residences.
- Coordination with the Vermont Department of Environmental Conservation (DEC) was performed by EP&S to obtain EPA Identification Numbers for each of the waste generation locations.

Project Coordination

KAS was contracted by Stantec to implement all work associated with this Phase II ESA. KAS performed all work except for the contracted tasks noted below. Alan Liptak, CPG of KAS and an Environmental Professional pursuant to EPA / ASTM definition, was the project manager and planned all tasks, prepared necessary documents, conducted and oversaw the field work and

wrote the reports.

KAS contracted with Environmental Products and Services of Vermont, Inc. of Williston, Vermont to cut and clean the ASTs and to manage the tank derived wastes and household hazardous wastes. KAS contracted with Endyne, Inc. Laboratory Services of Williston, Vermont to perform laboratory characterization testing of building materials samples.

Health and Safety Plan (HASP)

A site-specific HASP was prepared and implemented to govern the safety aspects of the job in accordance with the Vermont Occupational Safety and Health Administration (VOSHA) requirements. All KAS personnel, and all personnel involved in the project working for KAS, were briefed on the health and safety requirements. No adverse health and safety incidents occurred during conduct of the work.

2.2 Above Ground Storage Tank Decommissioning and Cleaning

KAS coordinated, observed and documented the decommissioning of six ASTs formerly used for storage of #2 fuel oil for home heating purposes. EP&S performed the decommissioning work which included cutting and cleaning the ASTs, manually draining the oil supply and return lines to the furnace (when possible and not inaccessible beneath basement floors or walls), removing the fill and vent piping, and placing the cleaning wastes (including sludge, oil, water, and personnel protective equipment) into containers for shipping to a licensed disposal facility. EP&S also performed documentation including obtaining the appropriate EPA waste generator identification numbers for each location, completing and mailing the waste manifest paperwork, and compiling the documentation and providing it to KAS.

The cleaned ASTs and associated piping were left on site as clean scrap metal for ultimate disposal by the building demolition contractor. Table 1 presents a summary of the locations where ASTs were decommissioned, the date of decommissioning, and the amount and disposition of wastes generated at each location. Photos of the cleaned ASTs are included in Appendix B.

Table 1: Summary of AST Decommissioning, AIP 81

Location	Date	Amount and Disposition of Wastes
68 Dumont Avenue	12/20/11	60 gallons shipped 12/30/11 under manifest
77 Dumont Avenue	12/20/11	15 gallons shipped 12/30/11 under manifest
1227 Airport Drive	12/20/11	15 gallons shipped 12/30/11 under manifest
1261 Airport Drive	12/20/11	30 gallons shipped 12/30/11 under common manifest
1265 Airport Drive	12/20/11	
1387 Airport Drive	12/20/11	15 gallons shipped 12/30/11 under manifest

AST-derived wastes were containerized, transported and disposed of by EP&S. Waste manifest copies are included in Appendix C.

2.3 Building Materials Waste Characterization

KAS collected samples of building materials from eleven locations within AIP 81. The determination of whether to collect a building materials sample from a specific location was based on the estimated age of the building. Lead paint was effectively banned from United States distribution in 1978 and houses in existence before then are likely to contain lead painted surfaces. Characterization sampling was performed to determine that the resulting building debris was not sufficiently enriched in lead so as to render the building waste stream as hazardous by reason of toxicity characteristic – lead.

Representative samples of building materials were collected by KAS’ inspectors concurrent with the asbestos inspection. A reasonable attempt was made to create a building material sample at each location which reflected the composition of the building at large. Destructive sampling techniques were employed and no attempt was made to repair the damage in light of the buildings’ pending demolition. The sampled materials were varied and included wood, sheetrock, roofing, flooring and floor coverings, exterior siding, concrete, insulating materials, and others, but not friable asbestos containing materials, petroleum or hazardous substances. The samples were containerized and labeled in the field pursuant to KAS’ protocols, then delivered to Endyne under chain of custody procedure for TCLP Lead analysis.

The results of the testing indicate that none of the waste characterization samples contained sufficient extractable lead to render the combined waste stream hazardous by reason of toxicity. The state and federal threshold for TCLP lead is 5 milligrams per liter (mg/l) for designation as hazardous waste and none of the test results equaled or exceeded this threshold. Detectable lead was reported in some of the samples and the reported test results are summarized in Table 2. Copies of the laboratory reports are contained within Appendix D.

Location	TCLP Concentration (mg/l)	State/federal threshold for designation (5 mg/l) exceeded?
64 Dumont Avenue	ND <0.20	No
68 Dumont Avenue	ND <0.20	No
73 Dumont Avenue	ND <0.20	No
77 Dumont Avenue	0.21	No
5 Maryland Street	ND <0.20	No
3 Elizabeth Street	ND <0.20	No
1227 Airport Drive	ND <0.20	No
1247 Airport Drive	3.8	No
1261 Airport Drive	0.36	No
1265 Airport Drive	ND <0.20	No
1387 Airport Drive	ND <0.20	No

2.4 Household Hazardous Waste Removal

KAS contracted with EP&S to identify and remove household hazardous waste materials at the residential structures within AIP 81. A preliminary inventory of HHW had been made in KAS' Phase I ESA report.² However, several months had passed since the Phase I ESA inspections were done and some of the homes had still been occupied at that time. Thus a follow up inspection was performed by EP&S to make sure that HHW contained in the vacated houses was identified and taken care of properly.

For purposes of this Phase II ESA, the intent was to remove all materials that could become problematic for disposal during demolition efforts therefore HHW included all vessels that contained known or suspected petroleum or hazardous substances, including fuels, aerosols, oils, grease, lubricants, oil based paints, solvents, thinners, stains, pesticides/herbicides

² KAS, Inc., Phase I Environmental Site Assessment Report, Burlington International Airport AIP 81, October 14, 2011.

and similar materials. EP&S also removed loose fluorescent light bulbs not attached to fixtures. Excluded from the Phase II work scope was removal of any object or substance physically connected to a residence (such as smoke detectors, paint, caulk, mercury thermostats and furnace switches, and fluorescent light bulbs in fixtures), as well as non-hazardous substances such as latex paint, and common household materials such as detergents, bleach, window cleaner, ammonia, and similar materials.

A summary of the wastes removed from each residence in AIP 81 is presented in Table 3. Waste manifest copies are included in Appendix C. HHW noted in the Phase I ESA report at 1387 Airport Drive was not found during the HHW removal process.

Table 3: Summary of HHW Removals, AIP 81	
Location	Summary of Waste Removals
73 Dumont Avenue	25 pounds fluorescent bulbs removed 12/30/11 under common manifest; transmission fluid noted in the Phase I ESA report was not found.
1261 Airport Drive	5 gallons gasoline removed under manifest 12/30/11 ³

3.0 CONCLUSIONS AND RECOMMENDATIONS

KAS has made the following conclusions in connection with the Phase II ESA work described herein.

- Six former fuel oil ASTs were successfully decommissioned within AIP 81 at 68 & 77 Dumont Avenue and at 1227, 1261, 1265 and 1387 Airport Drive. Waste materials were properly managed and removed from the properties. The cleaned ASTs were left on site for the demolition contractor. No further Phase II action is required.
- All eleven houses within AIP 81 were sampled and tested for concentrations of lead to determine whether the demolition debris could be hazardous. None of the test results were indicative of hazardous waste due to lead concentrations. The building demolition debris can be disposed of as non-hazardous waste (subject to prior asbestos abatement and compliance with VOSHA regulations).
- Household hazardous wastes were removed from two residences and

³ A common manifest was used to transport HHW from this location and adjoining properties in other AIP groups; consequently, some of the manifest listed wastes were not removed from this location.

properly managed and disposed of. No further Phase II action is required.

There are two matters of possible environmental concern in AIP 81 which will need to be followed up on during house removals. These were not part of KAS' Phase II work scope and will be most efficiently followed up on once the house foundations in question are removed.

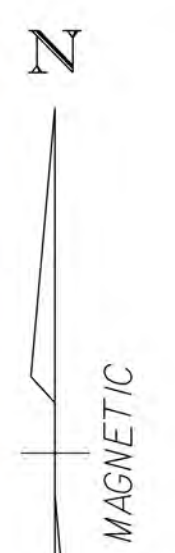
During KAS' Phase I ESA, a spill of #2 fuel oil was discovered at 77 Dumont Avenue on September 22, 2011. Someone had apparently cut the copper fuel supply lines to the furnace allowing fuel oil to spill onto the floor. This spill was reported to Burlington International Airport authorities who reported the spill to the Vermont Department of Environmental Conservation (DEC). The airport hired EP&S to clean up the spill and the DEC closed their spill file on October 20, 2011. This situation is a Recognized Environmental Condition (REC) per ASTM criteria due to potential for oil to have seeped through cracks in the basement floor and contaminate the ground. Due to the pending house removal, KAS' Phase II ESA work scope did not include drilling holes through the basement floor to assess soil conditions. KAS is recommending that a qualified environmental technician screen soils below the floor when the foundation is removed to determine if a release has taken place.

Also, there remains a pipe in the concrete foundation at 1227 Airport Drive the purpose of which is not known and which will need to be investigated during foundation demolition to determine if it is connected to a tank or other possible contamination source. If a tank or other contamination source is found then appropriate management activities and reporting will need to be conducted at that time.


Appendix A

Properties Location Map

BURLINGTON INTERNATIONAL AIRPORT HOUSE REMOVALS ON AIRPORT ACQUIRED LAND LOCATION PLAN



- STREET ADDRESS LEGEND:**
- APD = AIRPORT DRIVE
 - APP = AIRPORT PARKWAY
 - DA = DUMONT AVENUE
 - DS = DELAWARE STREET
 - ES = ELIZABETH STREET
 - LT = LEDOUX TERRACE
 - MS = MARYLAND STREET
 - NHC = NORTH HENRY COURT
 - PS = PATRICK STREET
 - PC = PICARD CIRCLE
 - SR = SHAMROCK ROAD
 - WS = WHITE STREET
- COLOR LEGEND:**
- AIP 74= BLUE
 - AIP 79= GREEN
 - AIP 81= CYAN
 - AIP 84= MAGENTA
 - AIP 87= RED
 - AIP MISC. GROUP = BLACK



Stantec Consulting Services Inc.
55 Green Mountain Drive
South Burlington, VT U.S.A.
05407-2246
Tel. 802.864.0223
Fax. 802.864.0165
www.stantec.com

0 200 400
SCALE

08 /25 /2011

STANTEC PROJ. #195310992

Appendix B

Photographs



Photographic Documentation
AST Closures
Burlington International Airport
South Burlington, VT

Photograph ID: 07

20-Dec-11

Location:

68 Dumont Avenue

AIP 81

KAS Job Number 509110227



Photograph ID: 008

20-Dec-11

Location:

77 Dumont Avenue

AIP 81

KAS Job Number 509110227





Photographic Documentation
AST Closures
Burlington International Airport
South Burlington, VT

Photograph ID: 09

20-Dec-11

Location:
1227 Airport Drive

AIP 81

KAS Job Number 509110227



Photograph ID: 010

20-Dec-11

Location:
1261 Airport Drive

AIP 81

KAS Job Number 509110227





Photographic Documentation
AST Closures
Burlington International Airport
South Burlington, VT

Photograph ID: 011

20-Dec-11

1265 Airport Drive

AIP 81

KAS Job Number 509110227



Photograph ID: 012

20-Dec-11

Location:
1387 Airport Drive

AIP 81

KAS Job Number 509110227





Photographic Documentation
Phase II Environmental Site Assessment
Burlington International Airport
AIP 81, South Burlington, VT
KAS Job #509110227

Photograph ID: 01

Location:
77 Dumont Avenue

Date: September 22, 2011

Comments:

Shows 275-gallon fuel oil AST
with fuel oil on the ground
due to copper lines having
been removed.



Photograph ID: 02

Location:
1227 Airport Drive

Date: September 22, 2011

Comments:

Shows pipe in basement floor
with unknown purpose



Appendix C

Waste Manifest Copies

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number V T P 0 0 0 0 1 4 0 5 7	2. Page 1 of 1	3. Emergency Response Phone 800-843-8265	4. Manifest Tracking Number 004156205 FLE			
5. Generator's Name and Mailing Address BURLINGTON INTERNATIONAL AIRPORT 1200 AIRPORT DRIVE, #1 SO BURLINGTON VT 05403 Generator's Phone: 8 0 2 8 6 3 - 2 8 7 4				Generator's Site Address (if different than mailing address) BURLINGTON INTERNATIONAL AIRPORT 68 & 72 DUMONT AVE SO. BURLINGTON VT 05403				
6. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC					U.S. EPA ID Number N Y R 0 0 0 1 1 5 7 3 3			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 300 SMITH BLVD. ALBANY NY 12202 Facility's Phone: 5 1 8 4 6 5 - 4 0 0 0					U.S. EPA ID Number N Y D 9 8 3 9 7 1 8 7 7			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	1. RQ NA1993, Waste Fuel oil (NO. 2) Mixture, 3, PGIII	2	DM	60	G	D001		
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1) APP #: A1211099-PFT. <u>2' x 30</u> GAL. ERG#128 The material is not considered a RCRA or State Hazardous waste in NYS 2) and is being shipped as an off-specification fuel product to be recycle/reclaimed as a fuel product. 3) 4) JOB#: V2378, V2380								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offorer's Printed/Typed Name <i>Kurt Miller</i>					Signature <i>[Signature]</i>			Month Day Year 12 30 11
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <i>James Robidea</i>					Signature <i>[Signature]</i>		Month Day Year 12 30 11	
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number: _____								
18b. Alternate Facility (or Generator)					U.S. EPA ID Number			
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)							Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.	2.	3.	4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a								
Printed/Typed Name					Signature		Month Day Year	

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY



24-Hour Emergency Phone Number
1-800-843-8265

Please print or type

BILL OF LADING

V T P 0 0 0 0 1 4 0 5 8

1. Document No. BUR2713
2. Page 1 of 1

3. Generator's Name and Mailing Address
BURLINGTON INTERNATIONAL AIRPORT
1200 AIRPORT DRIVE, #1
SO BURLINGTON VT 05403

Site Address
73 & 77 DUMONT AVE
SO. BURLINGTON VT 05403

4. Generator's Phone (802) 863-2874

5. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC
6. NYR000115733

A. State Transporter's ID 78250 VT
B. Transporter 1 Phone 800 843-8265

7. Transporter 2 Company Name
8.

C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
ELOT ELECTRONICS RECYCLING, INC
8000 MAIN STREET
TROY NY 12180
HM

E. State Facility's ID
F. Facility's Phone 518 266-9385

11. Shipping Name	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. UNIVERSAL WASTE - FLUORESCENT LAMPS	1	CF	25	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
a. APP #: NO APP# REQUIRED, FOR RECYCLE, 1 XBOX c.
SEE ATTACHED LAMP INVENTORY SHEET
b. d.

15. Special Handling Instructions and Additional Information
1) JOB#: V2378, PO#: 41-8465

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this document are not subject to federal manifest requirements.

Printed/Typed Name: Kurt Miller
Signature: [Signature]
Date: 12/30/11

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Robideaux
Signature: [Signature]
Date: 12/30/11

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: [Blank]
Signature: [Blank]
Date: [Blank]

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the materials covered by this bill of lading except as noted in item 19.
Printed/Typed Name: [Blank]
Signature: [Blank]
Date: [Blank]

BILL OF LADING

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number V T P 0 0 0 0 1 4 0 5 8	2. Page 1 of 1	3. Emergency Response Phone 800-843-8265	4. Manifest Tracking Number 004156204 FLE	
5. Generator's Name and Mailing Address BURLINGTON INTERNATIONAL AIRPORT 1200 AIRPORT DRIVE, #1 SO BURLINGTON VT 05403			Generator's Site Address (if different than mailing address) BURLINGTON INTERNATIONAL AIRPORT 73 & 77 DUMONT AVE BURLINGTON VT 05403			
Generator's Phone: 8 0 2 8 6 3 - 2 8 7 4						
6. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC				U.S. EPA ID Number N Y R 0 0 0 1 1 5 7 3 3		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 300 SMITH BLVD. ALBANY NY 12202				U.S. EPA ID Number N Y D 9 8 6 9 7 1 8 7 7		
Facility's Phone: 5 1 8 4 6 5 - 4 0 0 0						
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. RQ NA1993, Waste Fuel oil (NO. 2) Mixture, 3, PGIII	1	DF	15	G	D001
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1) APP #: A1211100-PFT, <u>LXIS</u> GAL, ERG#128, The material is not considered a RCRA or State Hazardous waste in NYS and is being shipped as an off-specification fuel product to be recycle/reclaimed as a fuel product. 2) and is being shipped as an off-specification fuel product to be recycle/reclaimed as a fuel product. 3) 4) JOB#: V2378						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name <u>KURT MILLER</u>		Signature <u>[Signature]</u>		Month Day Year <u>12/30/11</u>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>James Robider</u> Signature: <u>[Signature]</u> Month Day Year: <u>12/30/11</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name		Signature		Month Day Year		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number VTP000014060	2. Page 1 of 1	3. Emergency Response Phone 800-343-3265	4. Manifest Tracking Number 004156206 FLE	
5. Generator's Name and Mailing Address BURLINGTON INTERNATIONAL AIRPORT 1200 AIRPORT DRIVE, #1 SO BURLINGTON VT 05403			Generator's Site Address (if different than mailing address) BURLINGTON INTERNATIONAL AIRPORT 1227 AIRPORT DRIVE SO BURLINGTON VT 05403			
Generator's Phone: 802 863-2874						
6. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC				U.S. EPA ID Number NYR000115733		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 300 SMITH BLVD. ALBANY NY 12202				U.S. EPA ID Number NYD986971877		
Facility's Phone: 518 465-4000						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. RQ NA1993, Waste Fuel oil (NO. 2) Mixture, 3, PGIII	1	DF	15	G	D001
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 1) APP #: A1211088-PFT. <u>LX15</u> GAL, ERG#128 The material is not considered a RCRA or State Hazardous waste in NYS 2) and is being shipped as an off-specification fuel product to be recycle/reclaimed as a fuel product. 3) 4) JOB#: V2378						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offerer's Printed/Typed Name <i>Kurt Miller</i>			Signature <i>[Signature]</i>		Month Day Year 12 30 11	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>James Robideau</i>			Signature <i>[Signature]</i>		Month Day Year 12 30 11	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)				Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name			Signature		Month Day Year	

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number V T P 0 0 0 0 1 4 0 6 1	2. Page 1 of 1	3. Emergency Response Phone 800-843-8265	4. Manifest Tracking Number 004156207 FLE			
5. Generator's Name and Mailing Address BURLINGTON INTERNATIONAL AIRPORT 1200 AIRPORT DRIVE, #1 SO BURLINGTON VT 05403 Generator's Phone: 8 0 2 8 6 3 - 2 8 7 4				Generator's Site Address (if different than mailing address) BURLINGTON INTERNATIONAL AIRPORT 1257, 1261 & 1265 AIRPORT DRIVE, 2 LEDOUX TERRACE BURLINGTON VT 05403				
6. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC				U.S. EPA ID Number N Y R 0 0 0 1 1 5 7 3 3				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 300 SMITH BLVD. ALBANY NY 12202 Facility's Phone: 5 1 8 4 6 5 - 4 0 0 0				U.S. EPA ID Number N Y D 9 8 6 9 7 1 8 7 7				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. UN1203, GASOLINE MIXTURE, 3, PGII	No.	Type	5	G	VT99	
		2. RQ NA1993, Waste Fuel oil (NO. 2) Mixture, 3, PGIII	1	DM	25	G	D001	
		3.						
		4.						
14. Special Handling Instructions and Additional Information 1) APP #: A1211105-PFT, 1 X 5GAL IN 30 GAL ERG#128 SHIPPED AS PRODUCT FOR RECYCLE 2) APP #: A1211089-PFT, 1 X 5GAL, ERG#128 The material is not considered a RCRA or State Hazardous waste in NYS 3) and is being shipped as an off-specification fuel product to be recycle/reclaimed as a fuel product. 4) JOB#: V2378								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name <i>Kurt Miller</i>				Signature <i>[Signature]</i>		Month Day Year 12 30 11		
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>JAMES ROBIDEAU</i> Signature <i>[Signature]</i> Month Day Year 12 2 11							
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
	Facility's Phone: _____				18c. Signature of Alternate Facility (or Generator)			
					Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name				Signature		Month Day Year		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number VT P 0 0 0 0 1 4 0 6 1	2. Page 1 of 1	3. Emergency Response Phone 800-843-8265	4. Manifest Tracking Number 004156208 FLE		
5. Generator's Name and Mailing Address BURLINGTON INTERNATIONAL AIRPORT 1200 AIRPORT DRIVE, #1 SO BURLINGTON VT 05403 Generator's Phone: 8 0 2 8 6 3 - 2 3 7 4			Generator's Site Address (if different than mailing address) BURLINGTON INTERNATIONAL AIRPORT 1257, 1261 & 1265 AIRPORT DRIVE, 2 LEDOUX TERRACE So. BURLINGTON VT 05403				
6. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC			U.S. EPA ID Number N Y R 0 0 0 1 1 5 7 3 3				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address ENPRO SERVICES OF VERMONT, INC. 54 AVENUE D WILLISTON VT 05495 Facility's Phone: 802 923-1950			U.S. EPA ID Number V T R 0 0 0 5 1 7 0 5 2				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1.	UN1993, WASTE Flammable Liquids, N.O.S. (Petroleum Distillates, Paint), 3, PGIII	1	DF	30	P	D00	
2.	UN1950, WASTE Aerosols, Flammable, 2.1	1	DF	10	P	D00	
3.							
4.							
14. Special Handling Instructions and Additional Information 1) APP #: VT-1211-08649, <u>1</u> X <u>15</u> GAL, SEE SLIP #2, ERG#128 2) APP #: VT-1211-08650, <u>1</u> X <u>5</u> GAL, ERG#126 3) V2339 4) JOB#: V2376, PO#: 41-8467							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name KURT MILLER			Signature <i>Kurt Miller</i>		Month Day Year 12/30/11		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name JAMES ROHIDEAU			Signature <i>James Rohideau</i>		Month Day Year 12/30/11		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)			U.S. EPA ID Number				
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)			Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name			Signature		Month Day Year		

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number V T P 0 0 0 0 1 4 0 6 2		2. Page 1 of 1		3. Emergency Response Phone 800-843-8265		4. Manifest Tracking Number 004156210 FLE				
		5. Generator's Name and Mailing Address BURLINGTON INTERNATIONAL AIRPORT 1200 AIRPORT DRIVE, #1 SO BURLINGTON VT 05403 Generator's Phone: 8 0 2 8 6 3 - 2 8 7 4						Generator's Site Address (if different than mailing address) BURLINGTON INTERNATIONAL AIRPORT 1387 AIRPORT DRIVE SO. BURLINGTON VT 05403				
6. Transporter 1 Company Name ENVIRONMENTAL PROD & SVCS OF VT, INC								U.S. EPA ID Number N Y R 0 0 0 1 1 5 7 3 3				
7. Transporter 2 Company Name								U.S. EPA ID Number				
8. Designated Facility Name and Site Address ENVIRONMENTAL PROD & SVCS OF VT, INC 300 SMITH BLVD. ALBANY NY 12202 Facility's Phone: 5 1 8 4 6 5 - 4 0 0 0								U.S. EPA ID Number N Y D 9 8 6 9 7 1 8 7 7				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
		1. RQ NA1993, Waste Fuel oil (NO. 2) Mixture, 3, PGIII				1	DM	15	G	D001		
		2.										
		3.										
		4.										
14. Special Handling Instructions and Additional Information 1) APP #: A1211091-PFT. 1 X 15 GAL , ERG#128 The material is not considered a RCRA or State Hazardous waste in NYS 2) and is being shipped as an off-specification fuel product to be recycle/reclaimed as a fuel product. 3) 4) JOB#: V2378												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offoror's Printed/Typed Name <i>Rupert Miller</i>								Signature <i>Rupert Miller</i>		Month Day Year 11 27 11		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____												
17. Transporter Acknowledgment of Receipt of Materials												
Transporter 1 Printed/Typed Name <i>James Robideau</i>								Signature <i>James Robideau</i>		Month Day Year 12 30 11		
Transporter 2 Printed/Typed Name								Signature		Month Day Year		
18. Discrepancy												
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection												
Manifest Reference Number: _____												
18b. Alternate Facility (or Generator)								U.S. EPA ID Number				
Facility's Phone: _____												
18c. Signature of Alternate Facility (or Generator)								Signature		Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. _____			2. _____			3. _____			4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name								Signature		Month Day Year		

Appendix D

Building Materials Laboratory Data



KAS, Inc.
PO Box 787 100306
Williston, VT 05495
Atten: Alan Liptak

PROJECT: 509110227 Burlington Airport
WORK ORDER: **1111-17381**
DATE RECEIVED: November 22, 2011
DATE REPORTED: December 14, 2011
SAMPLER: Amy King/Peter Schuyler

Laboratory Report

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. All required method quality control elements including instrument calibration were performed in accordance with method requirements and determined to be acceptable unless otherwise noted.

The column labeled Lab/Tech in the accompanying report denotes the laboratory facility where the testing was performed and the technician who conducted the assay. A "W" designates the Williston, VT lab under NELAC certification ELAP 11263; "R" designates the Lebanon, NH facility under certification NH 2037 and "N" the Plattsburgh, NY lab under certification ELAP 11892. "Sub" indicates the testing was performed by a subcontracted laboratory. The accreditation status of the subcontracted lab is referenced in the corresponding NELAC and Qual fields.

The NELAC column also denotes the accreditation status of each laboratory for each reported parameter. "A" indicates the referenced laboratory is NELAC accredited for the parameter reported. "N" indicates the laboratory is not accredited. "U" indicates that NELAC does not offer accreditation for that parameter in that specific matrix. Test results denoted with an "A" meet all National Environmental Laboratory Accreditation Program requirements except where denoted by pertinent data qualifiers. Test results are representative of the samples as they were received at the laboratory

Endyne, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose.

Reviewed by:

Harry B. Locker, Ph.D.
Laboratory Director

www.endynelabs.com



160 James Brown Dr., Williston, VT 05495
Ph 802-879-4333 Fax 802-879-7103

56 Etna Road, Lebanon, NH 03766
Ph 603-678-4891 Fax 603-678-4893



Laboratory Report

DATE REPORTED: 12/14/2011

CLIENT: KAS, Inc.
PROJECT: 509110227 Burlington Airport

WORK ORDER: **1111-17381**
DATE RECEIVED 11/22/2011

001	Site: 77 DU		Date Sampled: 11/16/11		0:00		
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
TCLP Extract-SVOA/Metals	Completed		EPA 1311	12/5/11	W LJF	A	
Lead, Total TCLP	0.21	mg/L	EPA 6010B	12/9/11	W ETK	A	

002	Site: 64 DU		Date Sampled: 11/15/11		0:00		
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
TCLP Extract-SVOA/Metals	Completed		EPA 1311	12/5/11	W LJF	A	
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	12/9/11	W ETK	A	

003	Site: 73 DU		Date Sampled: 11/16/11		0:00		
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
TCLP Extract-SVOA/Metals	Completed		EPA 1311	12/5/11	W LJF	A	
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	12/9/11	W ETK	A	

004	Site: 68 DU		Date Sampled: 11/15/11		0:00		
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
TCLP Extract-SVOA/Metals	Completed		EPA 1311	12/5/11	W LJF	A	
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	12/9/11	W ETK	A	



KAS, Inc.
PO Box 787 100306
Williston, VT 05495
Atten: Alan Liptak

PROJECT: 509110227 Burl Airport AIP 81
WORK ORDER: **1112-19174**
DATE RECEIVED: December 30, 2011
DATE REPORTED: January 17, 2012
SAMPLER: Various

Laboratory Report

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. All required method quality control elements including instrument calibration were performed in accordance with method requirements and determined to be acceptable unless otherwise noted.

The column labeled Lab/Tech in the accompanying report denotes the laboratory facility where the testing was performed and the technician who conducted the assay. A "W" designates the Williston, VT lab under NELAC certification ELAP 11263; "R" designates the Lebanon, NH facility under certification NH 2037 and "N" the Plattsburgh, NY lab under certification ELAP 11892. "Sub" indicates the testing was performed by a subcontracted laboratory. The accreditation status of the subcontracted lab is referenced in the corresponding NELAC and Qual fields.

The NELAC column also denotes the accreditation status of each laboratory for each reported parameter. "A" indicates the referenced laboratory is NELAC accredited for the parameter reported. "N" indicates the laboratory is not accredited. "U" indicates that NELAC does not offer accreditation for that parameter in that specific matrix. Test results denoted with an "A" meet all National Environmental Laboratory Accreditation Program requirements except where denoted by pertinent data qualifiers. Test results are representative of the samples as they were received at the laboratory

Endyne, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose.

Reviewed by:

Harry B. Locker, Ph.D.
Laboratory Director

www.endynelabs.com



160 James Brown Dr., Williston, VT 05495
Ph 802-879-4333 Fax 802-879-7103

56 Etna Road, Lebanon, NH 03766
Ph 603-678-4891 Fax 603-678-4893



Laboratory Report

DATE REPORTED: 01/17/2012

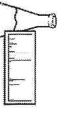
CLIENT: KAS, Inc.
PROJECT: 509110227 Burl Airport AIP 81

WORK ORDER: **1112-19174**
DATE RECEIVED 12/30/2011

001	Site: 1261 AD			Date Sampled: 12/21/11 Time: 9:30			
Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
TCLP Extract-SVOA/Metals	Completed		EPA 1311	1/10/11	W LJF	A	
Lead, Total TCLP	0.36	mg/L	EPA 6010B	1/13/12	W RJL	A	
002	Site: 1265 AD			Date Sampled: 12/21/11 Time: 11:00			
Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
TCLP Extract-SVOA/Metals	Completed		EPA 1311	1/10/11	W LJF	A	
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	1/13/12	W RJL	A	
003	Site: 1387 AD			Date Sampled: 12/21/11 Time: 15:00			
Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
TCLP Extract-SVOA/Metals	Completed		EPA 1311	1/10/11	W LJF	A	
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	1/13/12	W RJL	A	
004	Site: 5 MS			Date Sampled: 12/29/11 Time: 12:45			
Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
TCLP Extract-SVOA/Metals	Completed		EPA 1311	1/10/11	W LJF	A	
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	1/13/12	W RJL	A	M-
005	Site: 3 ES			Date Sampled: 12/29/11 Time: 11:52			
Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
TCLP Extract-SVOA/Metals	Completed		EPA 1311	1/11/11	W LJF	A	AN1
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	1/13/12	W RJL	A	
006	Site: 1227 AD			Date Sampled: 12/29/11 Time: 10:52			
Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
TCLP Extract-SVOA/Metals	Completed		EPA 1311	1/11/11	W LJF	A	AN1
Lead, Total TCLP	< 0.20	mg/L	EPA 6010B	1/13/12	W RJL	A	
007	Site: 1247 AD			Date Sampled: 12/29/11 Time: 8:52			
Parameter	Result	Units	Method	Analysis Date/Time	Lab/Tech	NELAC	Qual.
TCLP Extract-SVOA/Metals	Completed		EPA 1311	1/11/11	W LJF	A	AN1
Lead, Total TCLP	3.8	mg/L	EPA 6010B	1/13/12	W RJL	A	

Report Summary of Qualifiers and Notes

AN1: Insufficient sample mass submitted for a full 100g TCLP extraction. Sample extracted as a TCLP screen.
M - : The laboratory fortified matrix (LFM) analysis indicates a potential negative bias in the reported value.



ENDYNE, INC.

160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

Special Reporting Instructions/PO#: 1110542

52126

Project Name: Burlington Int'l Airport <i>KAS # 509110227 APR 81</i>	Client/Contact Name: KAS/ Aton Liptak	Sampler Name: Various - See Remarks
State of Origin: VT <input checked="" type="checkbox"/> NY <input type="checkbox"/> NH <input type="checkbox"/> Other <input type="checkbox"/>	Phone #: (802) 353-0486	Phone #: (802) 353-0486
Endyne WO # 1110-19174	Mailing Address: Po Box 787 Williston VT 05495	Billing Address: KAS

Sample Location	Matrix	GRA B	COM P	Date/Time Sampled	Sample Containers		Sample Preservation	Analysis Required	Field Results/Remarks	Due Date
					No.	Type/Size				
1261 AD	Bldg Mat	X	X	12/21/11 0930	1	bags	None	33	Sampled by P Schuyler	
1265 AD		X	X	1100						
1387 AD		X	X	1500						
5 MS		X	X	12/21/11 1245					Sampled by A. King & J. Roberts	
3 ES		X	X	1152						
1227 AD		X	X	1052						
1247 AD		X	X	0852						

Relinquished by: A. King	Date/Time: 12/30/11	Received by: M. J. ...	Date/Time: 12/30/11
---------------------------------	----------------------------	-------------------------------	----------------------------

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38			
pH						TKN	Total Solids	Sulfate	1664 TPNH/FOG	8270 PAH Only	LAB USE ONLY	Delivery: Client	Temp: 12°C	Comment:																											
Chloride						Total P	TSS	Coliform (Specify)	8015 GRO	8081 Pest																															
Ammonia N						Total Diss. P	TDS	COD	8015 DRO	8082 PCB																															
Nitrite N						BOD	Turbidity	VT PCF	8260B	PP13 Metals																															
Nitrate N						Alkalinity	Conductivity	VOC Halocarbons	8270 B/N or Acid	Total RCRA8																															
Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn																																									
TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)																																									
Corrosivity																																									
Other																																									