Attachment No. 1

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

November 17, 2003

VIA: Express Mail and Facsimile

Donald Powell
US Postal Vehicle Maintenance Service
60 West Oliver Street
Baltimore, Maryland 21201

Dear Mr. Powell:

The Environmental Protection Agency ("EPA") Region III along with the *appropriate State Agency*, will conduct a multi-media compliance inspection at **the US Postal Vehicle Maintenance Service beginning on Monday, November 24, 2003.** This letter will serve as EPA's official inspection notification. The inspection and this request for information are authorized under the provisions of the Clean Water Act ("CWA"), Section 308, 33 U.S.C § 1318; the Resource Conservation and Recovery Act ("RCRA"), Section 3007, 42 U.S.C. § 6927; the Toxic Substances Control Act ("TSCA"), 15 U.S.C § 2610; the Emergency Planning and Community Right to Know Act ("EPCRA'), Section 313, 42 U.S.C.§ 11023; and the Clean Air Act.

Gerard Crutchley will lead a team of EPA and *State* investigators. Mr. Crutchley will be available at the start of the inspection to brief you and your representatives on the purpose and the scope of this inspection. You are welcome to contact Mr. Crutchley directly at (410) 305-2780 to discuss the inspection arrangements, including access to any sensitive areas. The objective of this inspection is to determine the compliance status of the facility with applicable environmental laws, regulations, consent decrees, approvals and permits. The length of the inspection depends on the amount of compliance areas to review and the level of cooperation and preparation by the US Postal Vehicle Maintenance Service.

EPA believes conducting a multi-media compliance inspection provides broad information that can lead to the greatest reduction of overall risk to human health and the environment (by assuring the facility is in compliance and exploring pollution prevention opportunities). We believe that the informal debriefing and the subsequent inspection report will assist your facility in planning and budgeting for any corrective measures that may be required for compliance. *A copy of the inspection report will be made available to you once it is completed, usually within six to nine months after the inspection.*

The attached enclosure lists the information that we require in conducting this inspection. In order to expedite the site visit, we would appreciate your help in having these records and documents available at the start of the inspection. If possible our inspectors would also

appreciate a designated area to assemble and review documents. In addition, the inspectors may wish to take photographs in selected areas. If there are any areas that require security clearance, please identify these areas to Mr. Crutchley so that we can ensure the appropriate security clearances have been obtained by EPA personnel.

If you have any questions about this inspection please contact Mr. Crutchley who can be reached at (410) 305-2780. Or please contact me at (215) 814-2148.

Thank you for your assistance in this matter. EPA will cooperate with your staff to ensure minimal disruption to the important work ongoing at your facility.

Sincerely,

Jose J. Jiménez
Federal Facilities Coordinator

RECORDS/DOCUMENTS REQUEST

GENERAL PROCEDURE

The EPA inspection will proceed in two stages. First, EPA will identify various records to be reviewed. Generally, these records will date back three years from the present, but some of the records will be for other specific time periods. Second, according to a schedule to be developed on site, EPA will review the records and request copies, as needed. The following documents are requested to be made available during the inspection. Other records may be identified for review during the inspection. **Please be aware that this request is somewhat generic in nature and all of the information requested may not be applicable to your facility.**

GENERAL:

1. Facility map and plot plan
2. Organizational chart(including environmental department)
3. Description of facility and operations
4. List of on-site laboratories and types of analyses conducted
5. Inventory of chemicals and quantities purchased during the last three (3) years
6. Enforcement actions/Notices of violations (NOVs)
7. Consent Decrees/Orders/Agreement and related correspondence
8. Environmental project/funding summary

RESOURCES CONSERVATION AND RECOVERY ACT (RCRA)

1. RCRA Part A Permit Application (original and any revisions).

2. Determinations for whether any solid wastes generated are hazardous wastes and any waste analysis data or other documentation supporting the determinations. Include documentation of any analytical results of waste (including wastewaters) generating at the facility, including EP and TCLP toxicity testing, corrosivity testing, and testing which establishes whether or not a material meets the definition of a characteristic waste. Include any waste analysis data or other documentation which establishes whether or not any used oil generated on-site meets the used oil specification.

3. EPA identification numbers allowing the facility to treat, store, dispose of, transport, or offer for transportation any hazardous wastes.

4. Manifests for any hazardous wastes transported, accepted, or offered for transportation

off-site (manifests for the past three years) including Land Disposal Restriction notifications and certifications (past five (5) years).

5. Biennial reports for shipping any hazardous wastes off-site to a treatment, storage, or disposal facility or for treating, storing , or disposing of any hazardous wastes on site (last 3 years).

6. Exception reports for any manifests not received back from the designated facility (last 3 years).

7. Un-manifested waste reports for any hazardous wastes received from off-site without accompanying manifests.

8. Notifications for any hazardous wastes intended to be exported.

9. Any notifications, pre-compliance and compliance certifications submitted for burning of hazardous wastes in boilers or industrial furnaces.

10. Analytical results and accumulation records for any recyclable material utilized for precious metal recovery.

11. Schedule and logs for inspecting all monitoring equipment, safety and emergency equipment, security devices, and operating and structural equipment that are important to preventing, detecting, or responding to environmental or human health hazards.

12 Employee training records for hazardous waste handlers, **including job titles and descriptions**, names of each employee, and documentation of the type and amount of training each has received. Provide a copy of the hazardous waste training plan.

13. Current Contingency Plan including summary reports and documentation of incidents that require implementation of the contingency plan (past three (3) years).

14. Methods and dates for treating, storing, or disposing of any hazardous wastes at the facility.

15. Location and quantity of each hazardous waste within the facility.

16. Plot plan showing locations of all less than ninety (90) day accumulation areas and tanks. Also identify locations of all waste operation points and satellite accumulation areas.

17. Inspection schedules, logs/summaries for all container storage areas and <90 accumulation areas (last three (3) years).

18. Groundwater sampling and analysis plan for any impoundment, landfill, or land treatment facilities on-site.

19. Outline of ground water quality assessment program for any impoundment, landfill, or land treatment facilities on-site.

20. Ground water analysis and reports for any impoundment, landfill, or land treatment facilities on-site.

21. Closure and post-closure plans for any hazardous waste disposal facilities, waste piles, surface impoundments, tanks, or landfills

22. Certifications for any hazardous waste disposal facilities, waste piles, surface impoundments, tanks or landfills that have been closed.

23. Certifications for any post-closure care that has bee completed on any hazardous waste disposal facilities, waste piles, surface impoundments, tanks or landfills.

24. Certified assessment of integrity for any existing tank systems used for storing for treating hazardous waste that do not have secondary containment.

25. Certified assessment of design and construction for any new tank systems used for storing or treating hazardous waste.

26. Certified statements for any tank systems used for storing or treating hazardous waste that have been repaired.

27. Inspection schedules, logs, summaries for all tank systems, surface impoundments, and waste piles used for storing or treating hazardous waste (last three (3) years).

28. Notification and reports of any hazardous waste releases to the environment.

29. Hazardous waste minimization plan and certification of program which reduces the volume and toxicity of hazardous waste.

UNDERGROUND STORAGE TANKS

1. List of all underground storage tanks (USTs) ever in operation including tanks currently in operation, temporarily closed or permanently closed. List should include location, age, construction material, and current status.

2. Notifications for any underground storage tanks.

3. Certifications for any new underground storage tanks.

4. Reports of any releases, spills, or overfills from underground storage tanks.

5. Reports summarizing initial abatement steps, site characterization and free product removal at confirmed release sites.

6. Corrective action plans required as a result of any releases, spills, or overfills from underground storage tanks.

7. Notifications of any underground storage tank changes, upgrades, or closures.

8. Documentation of operation for any corrosion protection equipment required on underground storage tanks.

9. Documentation of any underground storage tank repairs.

10. Documentation for complying with any underground storage tank release detection requirements.

11. Results or any site investigations conducted upon closure of any underground storage tanks.

12. Financial responsibility documentation for USTs.

TOXIC SUBSTANCES CONTROL ACT (TSCA)

Polychlorinated Biphenyls (PCBs)

1. List or description of any PCB items or PCB storage areas.

2. Monthly inspection records for storage areas subject to 40 CFR § 761.65.

3. PCB transformer and hydraulic systems inventory with location map and PCB analyses.

4. Inspection and maintenance records for PCB transformer and hydraulic systems of the last three (3) years.

5. Notification to EPA of PCB activity (EPA Form 7710-53).

6. Notification to local fire department of location of PCB transformers.

7. Copies of all uniform Hazardous Waste Manifests for PCB waste transported off-site since 1995.

8. Copies of PCB Annual Document logs

EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW (EPCRA)
(If applicable)

1. Threshold determination calculations for each of the 313 chemicals used by your facility during the 1995, 1996, 1997 & 1998 calendar years along with supporting documentation

2. Documentation used to establish/derive Form R data elements submitted by your facility for such items as: Activities and Uses of the Chemical at the Facility (Section 3); the Maximum Amount of Chemical On-Site at Any Time During the Calender Year (Section 4); Releases of the Chemical to the Environment On-Site (Section 5); Transfers of the Chemical in Wastes to Off-Site Locations (Section 6); On-Site Waste Treatment Methods and Efficiencies (Section 7A); On-Site Energy Recovery Processes from Section 7B (only for calender year 1991 and beyond); On-Site Recycling Processes from Section 7C (only for calender year 1991 and beyond) and; Source Reduction and Recycling Activities from Section 8 (only for calender year 1991 and beyond).

3. Copies of the Form R reports submitted by the facility for the last four years.

CLEAN WATER ACT (CWA)

1. Current pretreatment permit application (s) including industrial, sanitary, and storm water including any information on changes in process waste streams since permit application submittal.

2. Pretreatment permit (s) effective during the last three (3) years.

3. Exceptions/exemptions from current pretreatment permit requirements.

4. Copies of all reports/plans required by pretreatment permit including: best management plans (BMPs), water quality impact assessments, toxicity studies, sludge management, spills plans, etc.

5. Any compliance order, schedule, penalty assessment, or other enforcement action issued in the last three (3) years and related correspondence.

6. Discharge monitoring reports (DMRs) for the last three (3) years. Written calibration procedures for flow measuring and recording equipment: include industrial, storm, sanitary, or any other sewers on facility property. The written sampling, preservation and chain of custody procedures should also be provided. Sampling and analysis records. Analytical records to include review of analytical procedures, quality control practices, and tracking of raw data through DMR preparation.

7. Any correspondence regarding exceedance of discharge limitations during the last three (3) years.

8. Most recent inspection report and response.

9. All plans and/or written description of the sewer system (including by-pass capability), outfall locations, and monitoring stations.

10. Copies of any other pretreatment or sewer use ordinances or permits.

11. Identify all septic systems, including those no longer in service.

14. Operation and Maintenance manuals for Industrial Wastewater Treatment Plant

FEDERAL INSECTICIDE, FUNGICIDE, and RODENTICIDE ACT (If applicable)

1. List of restricted use pesticides (including anti-fouling paints).

2. Any records or other documentation regarding pesticide application.

WETLANDS (If applicable)

1. Copies of all wetlands (404) permits and notifications for the last ten years.

2. Map indicating the location of any construction, dredging or earth moving activities within the last ten years.

3. Map indicating the delineation of any wetlands or other waters located adjacent to the facility and if there are such locations, documentation that might indicate that the work was verified by a federal or state agency.

4. Map indicating the location of any construction, dredging or land clearing activities planned for the next five years.

CLEAN AIR ACT (If applicable)

1. Plot plan of the facility showing location and identification of all major process areas and stacks.

2. Brief descriptions for all process areas to include:
   (a) simplified process flow diagrams
   (b) pollution control equipment

3. Permits and/or variances for air emission sources and related correspondence.

4. MACT correspondence and applications to the State if applicable.

5. Consent Decrees/Orders/Agreements still in effect.

6. Fuel oil usage - gallons/year to include the sulfur content of the oil (including certificate of analysis).

7. Stack tests (most recent) and stack and ambient monitoring data.

8. Performance specification tests for continuous emission monitors.

9. State emissions inventory report for the last four years.

10. Any project modification/re-construction information.

11. Procedures/manuals for the operation and inspection of pollution control equipment.

12. Required notices and any other pertinent records related to asbestos demolition/renovation projects in progress or completed within the last four years.

13. Any facility inspection reports (federal, state & internal.

14. Excess emission reports for the last four years.

15. Paint usage - gallons/year.

16. Paint compound records to include compound names and CAS Nos (including MSDS sheets).

17. Provide the facility CFC compliance program relative to disposal, maintenance, and handling of CFC containing equipment.

Attachment No. 3

Detailed Facility Report

Report Error | Data Dictionary

For Public Release - Unrestricted Dissemination Report Generated on 11/14/2003
US Environmental Protection Agency - Office of Enforcement and Compliance Assurance

Facility Permits and Identifiers

Data Dictionary

Statute	System	Source ID	Facility Name	Street Address	City	State	Zip
	FRS	110001798911	US POSTAL VEHICLE MAINTENANCE SERVICE	60 WEST OLIVER STREET	BALTIMORE	MD	21201
CAA	AFS	2451002427	U.S.P.S.-60 WEST OLIVER STREET	60 OLIVER STREET, WEST	BALTIMORE	MD	21201
RCRA	RCR	MDD980707483	USPS BALTIMORE VMF	60 W OLIVER ST	BALTIMORE	MD	21201
RCRA	RCR	MD3180090018	USPS BALTIMORE VMF	60 W OLIVER ST	BALTIMORE	MD	21201

Facility Characteristics

Data Dictionary

Statute	Source ID	Facility Status	Permit Expiration Date	Lat/Long	Indian Lands?	SIC Codes	NAICS Codes
CAA	2451002427	Operating, Minor (Not Fed.Rep.)			NA	4311	
RCRA	MDD980707483	CESQG			No		49111

If the CWA permit is past its expiration date, this normally means that the permitting authority has not yet issued a new permit. In these situations, the expired permit is normally administratively extended and kept in effect until the new permit is issued.

Inspection and Enforcement Summary Data

Data Dictionary

Statute	Source ID	RECAP Insp. Last 05Yrs	Date of Last Inspection	Formal Enf Act Last 05 Yrs	Penalties Last 05 Yrs
CAA	2451002427	0	Never	0	$00
RCRA	MDD980707483	0	08/26/1986	0	$00
RCRA	MD3180090018	2	02/04/2003	0	$00

Inspection History (05 years)

Data Dictionary

Statute	Source ID	Inspection Type	Lead Agency	Date
RCRA	MD3180090018	NON-FINANCIAL RECORD REVIEW	State	03/03/1999
RCRA	MD3180090018	OTHER EVALUATION	State	02/04/2003

Entries in *italics* are not considered inspections in Reporting for Enforcement and Compliance Assurance Priorities (RECAP) official counts.

Compliance Summary Data

Data Dictionary

Statute	Source ID	Current SNC/HPV?	Current As Of	Description	Qtrs in NC (of 8)
CAA	2451002427	N/A	10/19/2003		
RCRA	MDD980707483	NO	10/19/2003		**0**
RCRA	MD3180090018	NO	10/19/2003		**0**

Two Year Compliance Status by Quarter Data Dictionary

Violations shown in a given quarter do not necessarily span the entire 3 months.

AIR Compliance Status								
Statute:Source ID CAA: 2451002427	QTR1 Jan-Mar02	QTR2 Apr-Jun02	QTR3 Jul-Sep02	QTR4 Oct-Dec02	QTR5 Jan-Mar03	QTR6 Apr-Jun03	QTR7 Jul-Sep03	QTR8 Oct-Dec03
HPV History								
Program/Pollutant in Current Violation								
SIP	C-INSP	C-INSP	C-INSP	C-INSP	C-INSP	C-INSP	C-INSP	C-INSP

High Priority Violator (HPV) History section: "Unaddr" means the facility has not yet been addressed with a formal enforcement action. "Addrs"means the facility has been addressed with a formal enforcement action, but its violations have not been resolved. Lead Agency designated can be US EPA, State, Both, or No Lead Determined. If HPV History is blank, then the facility was not a High Priority Violator. C=Compliance; V=Violation; S=Compliance Schedule.

Informal Enforcement/Notices of Violation - AFS, PCS, RCRAInfo (05 year history) Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date
- No data records returned.				

Formal Enforcement Actions - AFS, PCS, RCRAInfo, NCDB (05 year history) Data Dictionary

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
- No data records returned.						

In some cases, formal enforcement actions may be entered both at the initiation and final stages of the action. These may appear more than once above. Entries in *italics* are not "formal" actions under the PCS definitions but are either the initiation of an action or penalties assessed as a result of a previous action. This section includes US EPA and State formal enforcement actions under CAA, CWA and RCRA.

EPA Formal Enforcement Actions - ICIS (05 year history) Data Dictionary

Primary Law/Section	Case Number	Case Type	Case Name	Issued/Filed Date	Settlement Date	Penalty	SEP Cost
- No data records returned.							

Federal enforcement actions and penalties shown in this section are from the Integrated Compliance Information System (ICIS). These actions may duplicate records in the Formal Enforcement Actions section.

History of Reported Chemicals Released in Pounds per Year at Site: Data Dictionary

Year /	Total Air Emissions	Surface Water Discharges	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers	Total Releases and Transfers
- No data records returned.							

TRI Total Releases and Transfers by Chemical and Year

Chemical Name	1993	1994	1995	1996	1997	1998	1999	2000	2001
- No data records returned.									

Demographic Profile of Surrounding Area (3 Miles) Switch to 1 Mi 5 Mi

Data Dictionary

This section is to provide context regarding the community setting of the facility. No relationship between this information, and other data included in this report is implied. Statistics are based upon the 2000 US Census data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPALocational Reference Table(LRT) when available. N/A = Not yet available from the Census Bureau for 2000 Census.

Radius of Area:	3 Miles	Land Area:	93.44%	Households in area:	N/A
Center Latitude:	39.3065	Water Area:	6.56%	Housing units in area:	161,104
Center Longitude:	-76.6177	Population Density:	12287.91/sq. mi.	Households On Public Assistance:	N/A
Total Persons:	332,996	Percent Minority:	72.35%	Persons Below Poverty Level:	N/A

Race Breakdown	Persons (%)	Age Breakdown:	Persons (%)
White:	94,722 (28.45%)	Child 5 years and less:	19,709 (5.92%)
African-american:	222,742 (66.89%)	Minors 17 years and younger:	78,991 (23.72%)
Hispanic-Origin:	6,535 (1.96%)	Adults 18 years and older:	252,780 (75.91%)
Asian/Pacific Islander:	7,167 (2.15%)	Seniors 65 years and older:	25,651 (7.70%)
American Indian:	1,185 (0.36%)		
Other race:	7,180 (2.16%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown:	Households (%)
Less than 9th grade:	N/A	Less than $15,000:	N/A
9th-12th grades:	N/A	$15,000-$25,000:	N/A
High School Diploma:	N/A	$25,000-$50,000:	N/A
Some College/2-yr:	N/A	$50,000-$75,000:	N/A
B.S./B.A. or more:	N/A	Greater than $75,000:	N/A

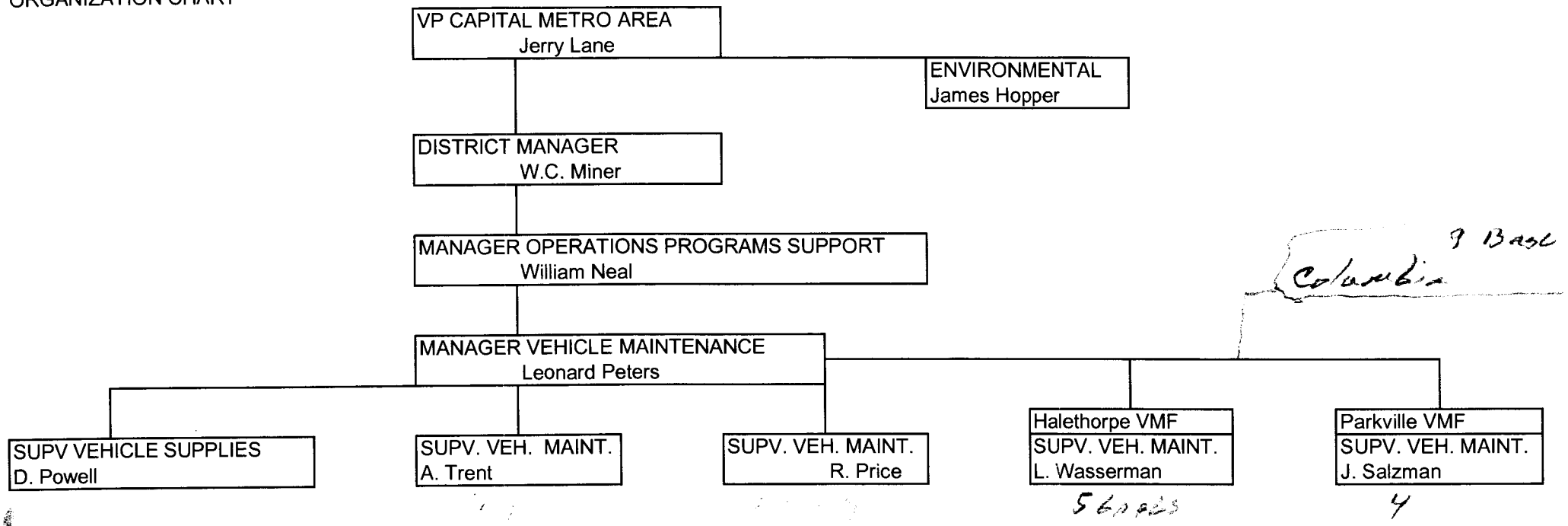
Please note: Entries in gray denote records that are not federally required to be reported to EPA. These data may not be reliable.

Map Returned Facility

This report was generated by the Integrated Data for Enforcement Analysis (IDEA) system, which updates its information from program databases monthly. The data were last updated: AFS: 10/19/2003. RCRAInfo: 10/19/2003. FRS: 10/16/2003.

Some regulated facilities have expressed an interest in explaining data shown in the Detailed Facility Reports in ECHO. Please check company web sites for such explanations.

ORGANIZATION CHART



Attachment No. 4

Attachment No. 5

WEEK BEGINNING:	WEEK ENDING:	AP	2
11/22/2003	11/28/2003	PP	25
		WK	2

ASSIGNMENT SHEET - MAIN VMF - TOUR 1

		WORK WEEK (X = OFF DAYS)							
		SAT	SUN	MON	TUE	WED	THU	FRI	
119	JEFFRIES, P. MECH.	2250-0700	X	2250-0700	2250-0700	2250-0700	HOL	2250-0700	T-2
107	CLAYTOR, T. MECH.	2250-0700	X	2250-0700	2250-0700	2250-0700	HOL	2250-0700	T-1

WEEK BEGINNING:	WEEK ENDING:	AP	2
11/22/2003	11/28/2003	PP	25
		WK	2

ASSIGNMENT SHEET - MAIN VMF - TOUR 2

WORK WEEK (X = OFF DAYS)

		SAT	SUN	MON	TUE	WED	THU	FRI	
179	PETERS, L. MANAGER VMF	X	X				HOL		
111	POWELL, D. SUPV. VEH. SUP	X	X				HOL		
175	TRENT, A. SUPV. VMF					HOL	X	X	
112	JACKSON, W. LEAD TECH.	0400-1250	0400-1250	X	0400-1250	0400-1250	HOL	0400-1250	LT- 2
117	KREH, P. BODY	0400-1250	X	0400-1250	0400-1250	0400-1250	HOL	0400-1250	BM-2
163	MICHAELANGELO, C. BODY	X	X	LWOP	LWOP	LWOP	LWOP	LWOP	BM-1
155	WHEELER, L. PAINTER	X	0600-1450	0600-1450	0600-1450	0600-1450	HOL	0600-1450	P-1
110	WIRTS, R. LEAD TECH.	X	X	0800-1650	0800-1650	0800-1650	HOL	0800-1650	LT-1
149	NEVILLE, G. LEAD TECH.	0400-1250	X	0400-1250	0400-1250	0400-1250	HOL	0400-1250	LT- 5
130	LIMMER, M. MECH.	X	0600-1450	0600-1450	0600-1450	0600-1450	HOL	0600-1450	T - 4
103	MEASMER, J. MECH.	X	X	0600-1450	0600-1450	0600-1450	HOL	0600-1450	T - 6
120	SCANLON, R. MECH.	0400-1250	0600-1450	X	0400-1250	0400-1250	HOL	0400-1250	T - 5
108	MERSON, V. MECH.	X	X	0600-1450	0600-1450	0600-1450	HOL	0600-1450	T - 7
140	WIENHOLD, F. MECH.	0400-1250	X	0400-1250	0400-1250	0400-1250	HOL	0400-1250	T - 8
116	JONES, W. MECH.	X	X	0700-1550	0700-1550	0700-1550	HOL	0700-1550	T - 3
132	MILLER, G. MECH.	0600-1450	0600-1450	0700-1550	0700-1550	0700-1550	HOL	X	T - 9
122	GREGORY, M. MECH	0400-1250	0600-1450	X	0400-1250	0400-1250	HOL	0400-1250	M - 2
148	WILLIAMS, L. MECH.	0600-1450	0600-1450	0400-1250	0400-1250	0400-1250	HOL	X	M - 1
170	ROOSELVELT, ROACH	0500-1350	X	0500-1350	0500-1350	0500-1350	HOL	0500-1350	G - 1
125	BENTZ, C. TIRE MAN	0600-1450	X	0600-1450	0600-1450	0600-1450	HOL	0600-1450	TR - 1
104	BURNS, A. STOREKEEPER	X	0600-1450	0600-1450	0600-1450	0600-1450	HOL		SK - 1
144	BLAYLOCK, R.	0500-1350	X	0700-1550	0700-1550	0700-1550	HOL	0700-1550	TP - 2
173	JACKSON, G. VMF CLERK	0500-1350	X	0700-1550	0700-1550		HOL		
176	CROWNER, M. VMF CLERK	0500-1350	X	0700-1550	0700-1550	0700-1550	HOL	0700-1550	
168	BRYANT, L. VMF CLERK	0500-1350	X	0700-1550	0700-1550	0700-1550	HOL		
202	THOMAS, CUSTODIAN	0600-1450	0600-1450	X	0600-1450	0600-1450	HOL		

WEEK BEGINNING:	WEEK ENDING:	AP	2
11/22/2003	11/28/2003	PP	25
		WK	2

ASSIGNMENT SHEET - MAIN VMF - TOUR 3

		WORK WEEK (X = OFF DAYS)							
		SAT	SUN	MON	TUE	WED	THU	FRI	
128	PRICE, R. SUPV. TOURIII		X			X	HOL		
113	FALKENKLOUS, P. BODY	1200-2050	X	1400-2250	1400-2250	1400-2250	HOL	1400-2250	BM-3
136	YUHAS, G. BODY	X	0600-1450	1400-2250	1400-2250	1400-2250	HOL	1400-2250	BM-4
	VACANT . LEAD TECH.	X	0600-1450	1400-2250	1400-2250	1400-2250	HOL	X	LT-3
150	MEEKINS, D. MECH.	X	X	1200-2050	1200-2050	1200-2050	HOL	1200-2050	T-10
106	BABCOCK, B. MECH.	X	X	1400-2250	1400-2250	1400-2250	HOL	1400-2250	M - 4
109	KEEN, H. MECH.	X	X	LWOP	LWOP	LWOP	LWOP	LWOP	T-11
143	CASEY, R. MECH.	1200-2050	0600-1450	X	1200-2050	1200-2050	HOL	1200-2050	T-16
171	RUFFIN, R. MECH.	X	0600-1450	1200-2050	1200-2050	1200-2050	HOL	1200-2050	T-12
141	CALDWELL, L	1200-2050	0600-1450	1400-2250	1400-2250	1400-2250	HOL	1400-2250	
	MECH. VACANT	X	X	1400-2250	1400-2250	1400-2250	HOL	1400-2250	M - 3
114	KERR, D. MECH	1200-2050	X	1400-2250	1400-2250	1400-2250	HOL	1400-2250	T-14
123	BROKOS, J. MECH	1200-2050	X	1400-2250	1400-2250	1400-2250	HOL	1400-2250	T- 15
	GARAGEMAN								
170	GARAGEMAN VACANT	X	X	1400-2250	1400-2250	1400-2250	HOL	1400-2250	G-2
	TOOLS & PARTS	0700-1550	0600-1450	1400-2250	1400-2250	1400-2250	X	X	TP- 1
201	MICHAEL JENKINS	1000-1850	X	1400-2250	1400-2250	1400-2250	HOL	1400-2250	TP- 3
200	SHEARIN, J. CUSTODIAN	X	0600-1450	1400-2250	1400-2250	1400-2250	HOL	1400-2250	
	PART TIME FLEX:								

Attachment No. 6

ent #:

ent #: 0012230

SHIPPING DOC

Generator	US Post Office
US EPA ID#:	NOT Required
Address	601 Oliver ST
City	BALTIMORE State MD Zip
Contact	Phone
Transporter 1:	A & A Environmental
US EPA ID#:	NOT Required Phone 410-636-2284
Transporter 2:	
US EPA ID#:	Phone

Facility: A & A Environmental/US Liquids

- ☐ 1500 Carbon Avenue, Baltimore MD 21226 (800) 404-8037
- ☐ 195 Wyche Road, Stafford VA 22554 (877) 441-6930
- ☐ 317-B Lemonhill Lane, Salisbury MD 21801 (800) 411-3353
- ☐ 1531 Commerce Ave, Carlisle PA 17013 (877) 520-0022

Other Facility _____

Address _____

City _____ State _____ Zip _____

Non RCRA/Non DOT Regulated Materials-Solids

Line		Profile #
____	Spill Debris	25000A
____	Tank Bottoms	23000C
____	Soil, Petroleum	24000A
____	Soil, Gasoline for Recycling	24000F
____	Sorbents, Gasoline for Recycling	24000G
____	Sorbents, Jet Fuel	24000H
____	Sorbents, Oil	24000I
____	Oil, Sludge	23000A
____	Gasoline, Sludge for Recycling	23000B
____	Industrial Sludge	23000D
____	Construction Debris	25000B
____	Fly Ash	24000B
____	Scale	24000C
____	Gasoline Filters for Recycling	24000E
____	Oil Filters for Recycling	24300A
____	Empty Drums	24400A
____	Other _____	
____	Other _____	

Non RCRA/Non DOT Regulated Materials-Liquids

Line		Profile #
____	Wastewaters	20020A
____	Oil, Water for Recycling	21050A
____	Oil for Recycling	21050B
____	Oil, Water, Sludge for Recycling	21050C
____	Mineral Oil for Recycling	21050D
____	Glycols for Recycling	21070A
____	Diesel, Water for Recycling	22070F
____	Kerosene, Water for Recycling	22070D
____	Commercial Contact Water	20020B
____	Other _____	

DOT Regulated/Non RCRA Materials - Liquids

Line		Profile #
A	Gasoline Mixture for Recycling 3,UN1203,PGII ERG #128	22070A
____	Gasoline for Recycling 3,UN1203,PGII ERG #128	22070B
____	Combustible Liquid NOS,NA1993,PGII ERG #128	22070C
____	Diesel Fuel 3,NA1993,PGIII ERG #128	22070G
____	Fuel, Aviation, Turbine Engine 3,UN1863,PGII ERG #128	22070H
____	Kerosene 3,UN1223,PGIII ERG #128	22070E
____	Other _____	

Additional Information:

24 Hr Emergency# (800) 404-8037

Line	Profile No.	Containers No.	Containers Type	Total Quantity	Unit Wt./Vol.	Quantity Liquid	Quantity Solid	Quantity Sludge	Notes
A	22070A	2	DF	85	G				
B									
C									
D									
E									
F									

Generator's Certification: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable and national government regulations.

Type/Print Name	Signature	Month Day Year
Donald Lee Powell	Donald Lee Powell	11 12 03

Transporter 1 Acknowledgement of Receipt of Materials

Type/Print Name	Signature	Month Day Year
Roy D Carter	Roy D Carter	11/12/03

Transporter 2 Acknowledgement of Receipt of Materials

Type/Print Name	Signature	Month Day Year

Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of materials covered by this manifest except as noted in Discrepancy area above.

Type/Print Name	Signature	Month Day Year

GENERATOR'S COPY

24 Hour Emergency Service
(800) 404-8037

A&A ENVIRONMENTAL
A Division of US LIQUIDS
QUALITY • DEPENDABILITY • VALUE

No. _____

☑ ***Maryland Office***
5200 Raynor Ave.
Linthicum Heights, MD 21090
(410) 636-3700 - FAX (410) 636-0260

☐ ***Virginia Office***
19000 Possum Point Rd.
Dumfries, VA 22026
(703) 441-6930 - FAX (703) 221-1904

DAY: WED
DATE: 11/12/03

SHEET: 1
OF: 1

JOB LOCATION: U S post office
601 Oliver st
Baltimore MD

BILL TO: SAME

CONTACT:
PHONE:

CONTACT:
PHONE:

JOB DESCRIPTION: P/U 1-55 gal, 1-30 gal gasoline & H_2O
For Recycling At Carbonator

LABOR: (S=SUPER, F=FOREMAN, E=EQUIP. OP., T=FIELD TECHNICIAN)

TITLE/NAME	START TIME	STOP TIME	ST. HRS.	OT. HRS.	DT. HRS.
Roy Carter	1430	1830			

EQUIPMENT

TYPE	TRK. NO.	START TIME	STOP TIME	HRS.
Box	1430	1830		

MATERIALS

DESCRIPTION	QTY.	DESCRIPTION	QTY.	DESCRIPTION	QTY.
STA-DRI		GLOVES - COTTON			
17-H DRUM (OPEN)		GLOVES			
17-E DRUM (CLOSED)		DUCT TAPE			
YELLOW TYVEK		AIR BOTTLES			
RAIN GEAR		OVERBOOTS			
SORBENT PADS - BALES		DISPOSABLE BOOTS-YLW			
SORBENT BOOM - EACH		COMBO CARTRIDGE			
SORBENT BOOM - BALES		CHEMICAL CARTRIDGE			
PILLOWS		POLY BAGS			

DISPOSAL

DESTINATION	AMOUNT	MANIFEST #	PRICE
LIQUID BULK	GLS.		
SLUDGE BULK	GLS.		
BAGS OF DEBRIS/PPE	EACH		
SOLIDS	DRMS.		
	LBS.		
	TNS.		
	YDS.		
OTHER			

ANALYSIS

DESCRIPTION	PRICE

SUBCONTRACTOR

DESCRIPTION	PRICE

A&A ENVIRONMENTAL SERVICES

PRINT NAME Roy D Carter
SIGNATURE Roy D Carter
DATE 11/12/03

CUSTOMER

PRINT NAME
SIGNATURE
DATE

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Attachment No. 7

Weston Solutions, Inc.
Suite 200
1395 Piccard Drive
Rockville, Maryland 20850-4391
301-208-6800 • Fax 301-208-6801
www.westonsolutions.com

July 29, 2003

Mr. Leonard Peters
Manager, Baltimore Vehicle Maintenance Facility
United States Postal Service
60 West Oliver St.
Baltimore, MD 21233

Re: Waste Characterization for Baltimore VMF
SOW: CM-CM-03-0003

Dear Mr. Peters:

Weston Solutions, Inc. (WESTON®) is pleased to submit the final report for the characterization of wastes at your facility. The format and contents of the reports are based on the Statement of Work (SOW) for this task and our proposal dated May 12, 2003.

Samples from each of the five waste streams of interest (floor washer sediment, spent parts washer filters, brake washer residue, sand from the sand blaster and used absorbent material) were collected on June 17, 2003 in accordance with EPA Waste sampling protocol. All samples were sent to Severn Trent Laboratory for analyses. Severn Trent Laboratories is certified in the State of Maryland to perform drinking water analyses; presently, no other accreditation is offered or required by the State.

One semi-aqueous sample was collected from each of the five waste streams and analyzed for TCLP volatile organic compounds (VOCs), TCLP semi-volatile organic compounds (SVOCs), TCLP metal analytes, pH, and ignitability. A water sample was also collected from the floor washer sediment waste stream and analyzed for total petroleum hydrocarbons (TPH) (diesel range organics), TPH (gasoline range organics), Biological Oxygen Demand (BOD), oil and grease, pH, total phosphorous, total suspended solids, total Kjeldahl nitrogen (TKN), total metals (cadmium, chromium, copper, lead, nickel, and zinc), target compound list (TCL) VOCs and TCL SVOCs. The water sample from the floor washer sediment was collected for potential comparison to permit discharge limits for industrial Wastewater since water from the floor washer is released to the City of Baltimore's sanitary sewer system.

Also, only one of the parts washer filters was sampled because shop personnel indicated that the parts washers were used to clean the same types of parts. The fluid used in the parts washer is not disposed as a waste. The fluid is instead recycled inside the machine until it evaporates, and

additional fluid is then added to refill the machine. The parts washer selected for waste analysis had been in service for the longest period of time since the filter was last changed.

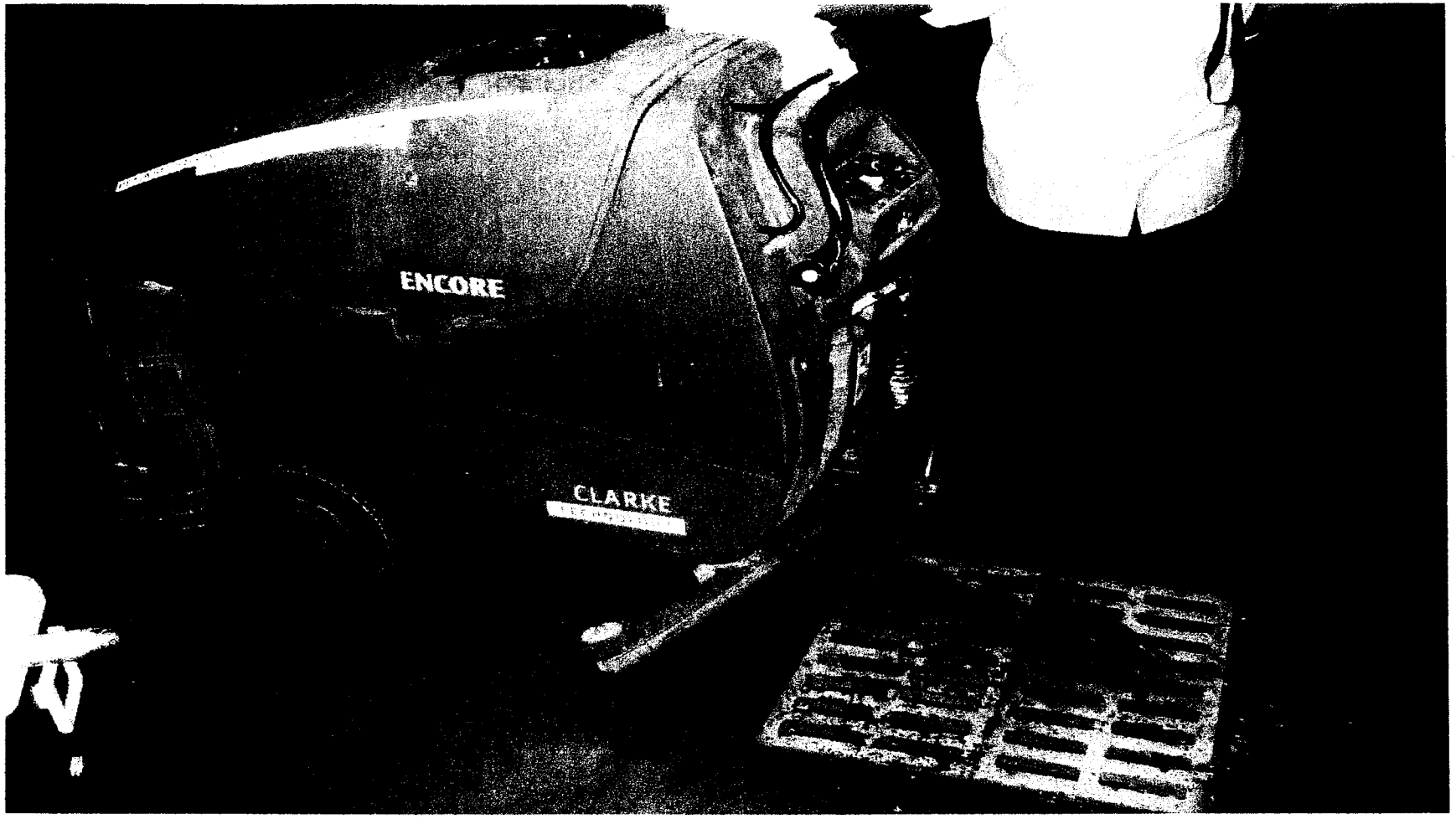
The analytical results of the waste streams are tabulated with the requested information included in the attached summary sheets for your review. The results were compared against the RCRA limits for the associate compound or analyte. The water sample is to be compared against the wastewater discharge limits for the local Publicly Operated Treatment Works (POTW); however, the facility was unable to provide the discharge limits.

A copy of the final report was also sent to Mr. Sam Obeidallah, Area Environmental Compliance Specialist. If you have any questions, please call Jim Ruffing at (301) 208-6881 or myself.

Very truly yours,
Weston Solutions, Inc.

Jeffrey Nelson, P.E.
Client Service Manager

Attachments



Floor Washer Sediment Waste Stream

Waste Characterization Report

WASTE STREAM CHARACTERIZATION FOR FLOOR WASHER SEDIMENT

TABLE 1A

Summary of Analytical Results for RCRA Organic Compounds

Sample ID: BVMF-WC01B						
Compound	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
1,1-Dichloroethene,TCLP	6/17/2003	6/25/2003	D029	0.7	0.1	U
1,2-Dichloroethane,TCLP		6/25/2003	D028	0.5	0.1	U
1,4-Dichlorobenzene,TCLP		7/1/2003	D027	7.5	0.1	U
2,4,5-Trichlorophenol,TCLP		7/1/2003	D041	400	0.5	U
2,4,6-Trichlorophenol,TCLP		7/1/2003	D042	2	0.1	U
2,4-Dinitrotoluene,TCLP		7/1/2003	D030	0.13	0.1	U
2-Butanone (MEK),TCLP		6/25/2003	D035	200	0.1	U
2-Methylphenol (o-cresol),TCLP		7/1/2003	D026	200	0.1	U
3,4-Methylphenol (m/p-cresol),TCLP		7/1/2003			0.1	U
Benzene,TCLP		6/25/2003	D018	0.5	0.1	U
Carbon tetrachloride,TCLP		6/25/2003	D019	0.5	0.1	U
Chlorobenzene,TCLP		6/25/2003	D021	100	0.1	U
Chloroform,TCLP		6/25/2003	D022	6	0.1	U
Hexachlorobenzene,TCLP		7/1/2003	D032	0.13	0.1	U
Hexachlorobutadiene,TCLP		7/1/2003	D033	0.5	0.1	U*
Hexachloroethane,TCLP		7/1/2003	D034	3	0.1	U*
Nitrobenzene,TCLP		7/1/2003	D036	2	0.1	U
Pentachlorophenol,TCLP		7/1/2003	D037	100	0.5	U
Pyridine,TCLP		7/1/2003	D038	5	0.2	U
Tetrachloroethene,TCLP		6/25/2003	D039	0.7	0.1	U
Trichloroethene,TCLP		6/25/2003	D040	0.5	0.1	U
Vinyl chloride,TCLP		6/25/2003	D043	0.2	0.1	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTE STREAM CHARACTERIZATION FOR FLOOR WASHER SEDIMENT

TABLE 1B
Summary of Analytical Results for RCRA Metals Analytes

Sample ID: BVMF-WC01B						
Analyte	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
Arsenic,TCLP	6/17/2003	6/26/2003	D004	5	0.059	B
Barium,TCLP			D005	100	3.2	
Cadmium,TCLP			D006	1	0.066	
Chromium,TCLP			D007	5	0.14	
Copper,TCLP			--	--	3.6	
Iron,TCLP			--	--	15	
Lead,TCLP			D008	5	0.53	
Manganese,TCLP			--	--	0.25	
Mercury,TCLP			D009	0.2	0.0020	U
Nickel,TCLP			--	--	0.10	
Selenium,TCLP			D010	1	0.016	B
Silver,TCLP			D011	5	0.050	U
Zinc,TCLP			--	--	2.0	

TABLE 1C
Summary of Analytical Results for RCRA Characteristics

Sample ID: BVMF-WC01B						
RCRA Characteristic	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits	Result	Qualifier
% Solids	6/17/2003	6/23/2003	--	--	2.10%	
Ignitability (Flashpoint)		6/30/2003	D001	< 140	>200	
Corrosivity (pH Solid)		6/30/2003	D002	less than or equal to 2 or greater than or equal to 12.5	10.6	
Temperature at Analysis (°C)		6/30/2003	--	--	21.0	

Notes:

-- - No RCRA code or RCRA limit exists.

B (metals analyses) - Result less than the reporting limit but greater than the instrument detection limit.

U (metals analyses) - Not detected above reported limit.

Summary of Analyses

Sediment from the Floor Washer is Non-hazardous.

WASTEWATER CHARACTERIZATION FOR FLOOR WASHER WATER/SEDIMENT

TABLE 2A

Summary of Analytical Results for Organic Compounds of Wastewater with Floor Washer Sediment

Sample ID: BVMF-WC01A on Chain-of-Custody (BMMF-WC01A on Laboratory Sheets) - Same Sample						
Compound/Analyte	CAS No.	Date Sample Collected	Date Sample Analyzed	Waste Water Permit Limits (ug/L)	Result (ug/L)	Qualifier
Volatile Organic Compounds						
Chloromethane	74-87-3	6/17/2003	6/25/2003		100	U*
Vinyl chloride	75-01-4				100	U
Bromomethane	74-83-9				100	U
Chloroethane	75-00-3				100	U
1,1-Dichloroethene	75-35-4				100	U
Carbon disulfide	75-15-0				500	U
Acetone	67-64-1				500	U
Methylene chloride	75-09-2				100	U
1,1-Dichloroethane	75-34-3				100	U
2-Butanone (MEK)	78-93-3				500	U
Chloroform	67-66-3				100	U
1,1,1-Trichloroethane	71-55-6				100	U
Carbon tetrachloride	56-23-5				100	U
1,2-Dichloroethene (total)	540-59-0				100	U
Benzene	71-43-2				100	U
1,2-Dichloroethane	107-06-2				100	U
Trichloroethene	79-01-6				100	U
1,2-Dichloropropane	78-87-5				100	U
Bromodichloromethane	75-27-4				100	U
cis-1,3-Dichloropropene	10061-01-5				100	U
4-Methyl-2-pentanone (MIBK)	108-10-1				500	U
Toluene	108-88-3				100	U
trans-1,3-Dichloropropene	10061-02-6				100	U
1,1,2-Trichloroethane	79-00-5				100	U
Tetrachloroethene	127-18-4				100	U
2-Hexanone	591-78-6				500	U
Dibromochloromethane	124-48-1				100	U
Chlorobenzene	108-90-7				100	U
Ethylbenzene	100-41-4				100	U
Styrene	100-42-5				100	U
Bromoform	75-25-2				100	U
1,1,2,2-Tetrachloroethane	79-34-5				100	U
Xylenes (total)	1330-20-7				100	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTEWATER CHARACTERIZATION FOR FLOOR WASHER WATER/SEDIMENT

TABLE 2B

Summary of Analytical Results for Organic Compounds of Wastewater with Floor Washer Sediment

Sample ID: BVMF-WC01A on Chain-of-Custody (BMMF-WC01A on Laboratory Sheets) - Same Sample						
Compound/Analyte	CAS No.	Collected	Analyzed	Limits (ug/L)	Result (ug/L)	Qualifier
Semi-Volatile OrganicCompounds						
Phenol	108-95-2	6/17/2003	6/30/2003		50	U
Bis(2-chloroethyl)ether	111-44-4				50	U
1,3-Dichlorobenzene	541-73-1				50	U
1,4-Dichlorobenzene	106-46-7				50	U
1,2-Dichlorobenzene	95-50-1				50	U
2-Methylphenol (o-cresol)	95-48-7				50	U
2,2-oxybis (1-chloropropane)	108-60-1				50	U
n-Nitroso-di-n-propylamine	621-64-7				50	U
Hexachloroethane	67-72-1				50	U
4-Methylphenol (m/p-cresol)	106-44-5				50	U
2-Chlorophenol	95-57-8				50	U
Nitrobenzene	98-95-3				50	U
Bis(2-chloroethoxy)methane	111-91-1				50	U
1,2,4-Trichlorobenzene	120-82-1				50	U
Isophorone	78-59-1				50	U
2,4-Dimethylphenol	105-67-9				50	U
Hexachlorobutadiene	87-68-3				50	U
Naphthalene	91-20-3				50	U
2,4-Dichlorophenol	120-83-2				50	U
4-Chloroaniline	106-47-8				50	U
2,4,6-Trichlorophenol	88-06-2				50	U
2,4,5-Trichlorophenol	95-95-4				250	U
Hexachlorocyclopentadiene	77-47-4				50	U*
2-Methylnaphthalene	91-57-6				50	U
2-Nitroaniline	88-74-4				250	U
2-Chloronaphthalene	91-58-7				50	U
4-Chloro-3-methylphenol	59-50-7				50	U
2,6-Dinitrotoluene	606-20-2				50	U
2-Nitrophenol	88-75-5				50	U
3-Nitroaniline	99-09-2				250	U
Dimethyl phthalate	131-11-3				50	U
2,4-Dinitrophenol	51-28-5				250	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTEWATER CHARACTERIZATION FOR FLOOR WASHER WATER/SEDIMENT

TABLE 2B (continued)

Summary of Analytical Results for Organic Compounds of Wastewater with Floor Washer Sediment

Sample ID: BVMF-WC01A on Chain-of-Custody (BMMF-WC01A on Laboratory Sheets) - Same Sample						
Compound/Analyte	CAS No.	Date Sample Collected	Date Sample Analyzed	Waste Water Permit Limits (ug/L)	Result (ug/L)	Qualifier
Semi-Volatile OrganicCompounds (continued)						
Acenaphthylene	208-96-8	6/17/2003	6/30/2003		50	U
2,4-Dinitrotoluene	121-14-2				50	U
Acenaphthene	83-32-9				50	U
Dibenzofuran	132-64-9				50	U
4-Nitrophenol	100-02-7				250	U
Fluorene	86-73-7				50	U
4-Nitroaniline	100-01-6				250	U
4-Bromophenyl phenyl ether	101-55-3				50	U
Hexachlorobenzene	118-74-1				50	U
Diethyl phthalate	84-66-2				50	U
4-Chlorophenyl phenyl ether	7005-72-3				50	U
Pentachlorophenol	87-86-5				250	U
n-Nitrosodiphenylamine	86-30-6				50	U
4,6-Dinitro-2-methylphenol	534-52-1				250	U
Phenanthrene	85-01-8				50	U
Anthracene	120-12-7				50	U
Carbazole	86-74-8				50	U
Di-n-butyl phthalate	84-74-2				31	J
Fluoranthene	206-44-0				50	U
Pyrene	129-00-0				50	U
Butyl benzyl phthalate	85-68-7				100	
Benzo(a)anthracene	56-55-3				50	U
Chrysene	218-01-9				50	U
3,3-Dichlorobenzidine	91-94-1				99	U
Bis(2-ethylhexyl)phthalate	117-81-7				380	
Di-n-octyl phthalate	117-84-0				50	U
Benzo(b)fluoranthene	205-99-2				50	U
Benzo(k)fluoranthene	207-08-9				50	U
Benzo(a)pyrene	50-32-8				50	U
Indeno(1,2,3-cd)pyrene	193-39-5				50	U
Dibenzo(a,h)anthracene	53-70-3				50	U
Benzo(ghi)perylene	191-24-2				50	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTEWATER CHARACTERIZATION FOR FLOOR WASHER WATER/SEDIMENT

TABLE 2C

Summary of Analytical Results for Metal Analytes of Wastewater with Floor Washer Sediment

Sample ID: BVMF-WC01A on Chain-of-Custody (BMMF-WC01A on Laboratory Sheets) - Same Sample						
Compound/Analyte	**CAS No.**	**Date Sample Collected**	**Date Sample Analyzed**	**Waste Water Permit Limits (mg/L)**	**Result (mg/L)**	**Qualifier**
Metal Analytes						
Cadmium	7440-43-9	6/17/2003	6/21/2003		0.40	
Chromium	7440-47-3		06/21/03		0.82	
Copper	7440-50-8		06/21/03		14	
Lead	7439-92-1		06/21/03		4.9	
Nickel	7440-02-0		6/21/2003		0.44	
Zinc	7440-66-6		6/23/2003		20	

TABLE 2D

Summary of Analytical Results for Additional Analyses of Wastewater with Floor Washer Sediment

Sample ID: BVMF-WC01A on Chain-of-Custody (BMMF-WC01A on Laboratory Sheets) - Same Sample						
Compound/Analyte	**CAS No.**	**Date Sample Collected**	**Date Sample Analyzed**	**Waste Water Permit Limits (mg/L)**	**Result (mg/L)**	**Qualifier**
Additional Analyses						
TPH - Diesel Range Organics, DRO	--	6/17/2003	6/21/2003		18	
TPH - Gasoline Range Organics, GRO	--		6/26/2003		3.4	
Biochemical Oxygen Demand, BOD	--		6/18/2003		2100	*
Oil and Grease, HEM	--		7/1/2003		690	
pH (*pH units*)	--		6/18/2003		*10.76*	
Phosphorous, Total as P	7723-14-0		6/27/2003		83	
Solids, Total Suspended, TSS	--		6/19/2003		920	
Nitrogen, Total Kjeldahl as N	7727-37-9		6/24/2003		22	

Notes:

-- - No CAS Number exists.

B (metals analyses) - Result less than the reporting limit but greater than the instrument detection limit.

U (metals analyses) - Not detected above reported limit.

* (additional analyses) - Batch QC exceeds upper or lower control limits.

Spent Parts Washer Filters Waste Stream

Waste Characterization Report

WASTE CHARACTERIZATION FOR SPENT PARTS WASHER FILTER

TABLE 1A
Summary of Analytical Results for RCRA Organic Compounds

Sample ID: BVMF-WC02						
Compound	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
1,1-Dichloroethene,TCLP	6/17/2003	6/25/2003	D029	0.7	0.1	U
1,2-Dichloroethane,TCLP		6/25/2003	D028	0.5	0.1	U
1,4-Dichlorobenzene,TCLP		7/1/2003	D027	7.5	0.1	U
2,4,5-Trichlorophenol,TCLP		7/1/2003	D041	400	0.5	U
2,4,6-Trichlorophenol,TCLP		7/1/2003	D042	2	0.1	U
2,4-Dinitrotoluene,TCLP		7/1/2003	D030	0.13	0.1	U
2-Butanone (MEK),TCLP		6/25/2003	D035	200	0.1	U
2-Methylphenol (o-cresol),TCLP		7/1/2003	D026	200	0.1	U
3,4-Methylphenol (m/p-cresol),TCLP		7/1/2003			0.1	U
Benzene,TCLP		6/25/2003	D018	0.5	0.1	U
Carbon tetrachloride,TCLP		6/25/2003	D019	0.5	0.1	U
Chlorobenzene,TCLP		6/25/2003	D021	100	0.1	U
Chloroform,TCLP		6/25/2003	D022	6	0.1	U
Hexachlorobenzene,TCLP		7/1/2003	D032	0.13	0.1	U
Hexachlorobutadiene,TCLP		7/1/2003	D033	0.5	0.1	U*
Hexachloroethane,TCLP		7/1/2003	D034	3	0.1	U*
Nitrobenzene,TCLP		7/1/2003	D036	2	0.1	U
Pentachlorophenol,TCLP		7/1/2003	D037	100	0.5	U
Pyridine,TCLP		7/1/2003	D038	5	0.2	U
Tetrachloroethene,TCLP		6/25/2003	D039	0.7	0.1	U
Trichloroethene,TCLP		6/25/2003	D040	0.5	0.1	U
Vinyl chloride,TCLP		6/25/2003	D043	0.2	0.1	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTE CHARACTERIZATION FOR SPENT PARTS WASHER FILTER

TABLE 1B
Summary of Analytical Results for RCRA Metals Analytes

Sample ID: BVMF-WC02						
Analyte	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
Arsenic,TCLP	6/17/2003	6/26/2003	D004	5	0.011	B
Barium,TCLP			D005	100	0.11	B
Cadmium,TCLP			D006	1	0.016	B
Chromium,TCLP			D007	5	0.052	
Copper,TCLP			--	--	0.16	
Iron,TCLP			--	--	6.0	
Lead,TCLP			D008	5	0.050	U
Manganese,TCLP			--	--	0.23	
Mercury,TCLP			D009	0.2	0.0020	U
Nickel,TCLP			--	--	0.22	
Selenium,TCLP			D010	1	0.10	U
Silver,TCLP			D011	5	0.050	U
Zinc,TCLP			--	--	3.0	

TABLE 1C
Summary of Analytical Results for RCRA Characteristics

Sample ID: BVMF-WC02						
RCRA Characteristic	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits	Result	Qualifier
% Solids	6/17/2003	6/23/2003	--	--	57.40%	
Ignitability (Flashpoint)		6/30/2003	D001	< 140	>200	
Corrosivity (pH Solid)		6/30/2003	D002	less than or equal to 2 or greater than or equal to 12.5	9.2	
Temperature at Analysis (^{o}C)		6/30/2003	--	--	21.5	

Notes:

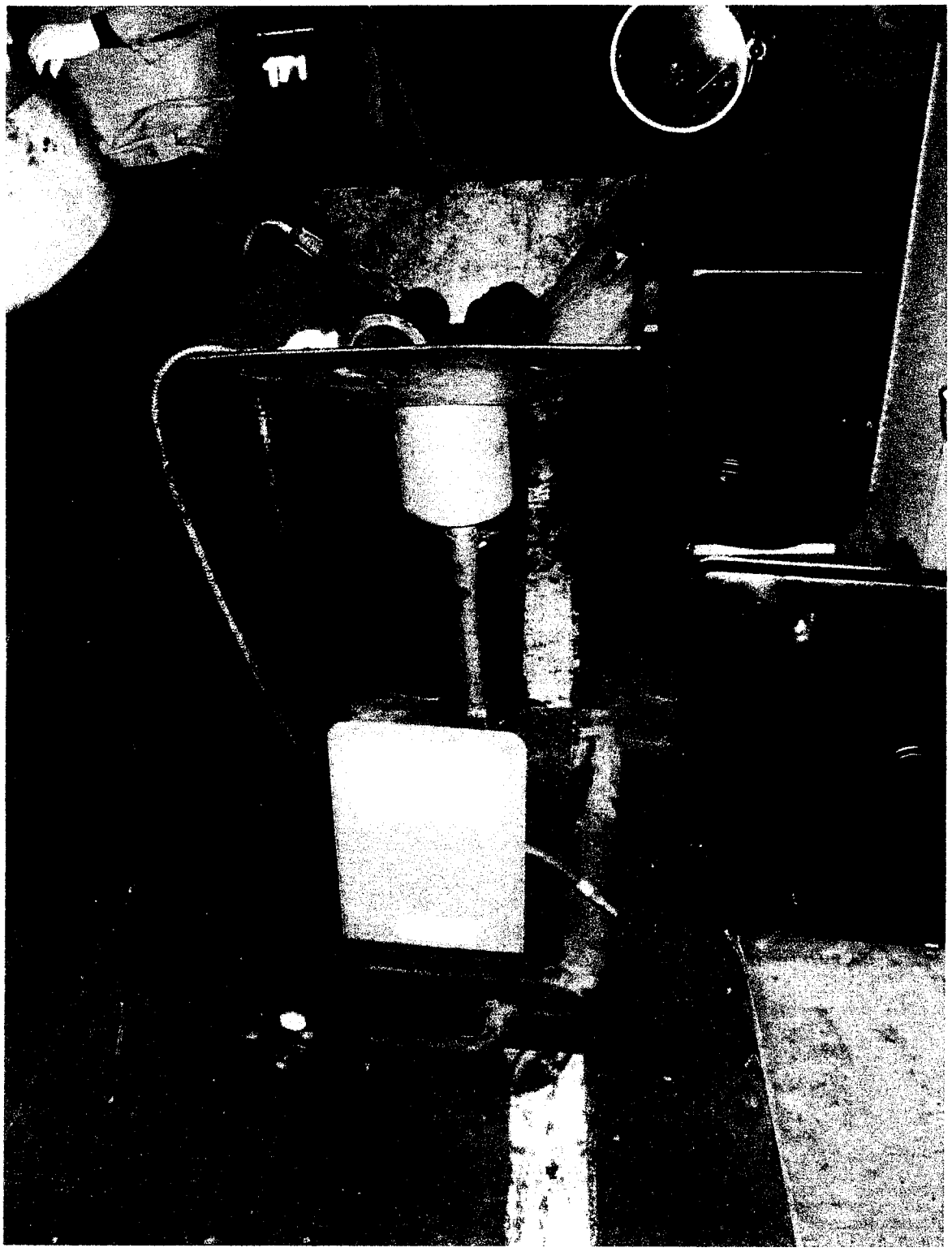
-- - No RCRA code or RCRA limit exists.

B (metals analyses) - Result less than the reporting limit but greater than the instrument detection limit.

U (metals analyses) - Not detected above reported limit.

Summary of Analyses

Spent Filters from the Parts Washers are Non-hazardous.



Brake Washer Residue Waste Stream

Waste Characterization Report

WASTE CHARACTERIZATION FOR BRAKE WASH RESIDUE

TABLE 1A
Summary of Analytical Results for RCRA Organic Compounds

Sample ID: BVMF-WC03						
Compound	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
1,1-Dichloroethene,TCLP	6/17/2003	6/25/2003	D029	0.7	0.1	U
1,2-Dichloroethane,TCLP		6/25/2003	D028	0.5	0.1	U
1,4-Dichlorobenzene,TCLP		7/1/2003	D027	7.5	0.1	U
2,4,5-Trichlorophenol,TCLP		7/1/2003	D041	400	0.5	U
2,4,6-Trichlorophenol,TCLP		7/1/2003	D042	2	0.1	U
2,4-Dinitrotoluene,TCLP		7/1/2003	D030	0.13	0.1	U
2-Butanone (MEK),TCLP		6/25/2003	D035	200	0.1	U
2-Methylphenol (o-cresol),TCLP		7/1/2003	D026	200	0.1	U
3,4-Methylphenol (m/p-cresol),TCLP		7/1/2003			0.1	U
Benzene,TCLP		6/25/2003	D018	0.5	0.1	U
Carbon tetrachloride,TCLP		6/25/2003	D019	0.5	0.1	U
Chlorobenzene,TCLP		6/25/2003	D021	100	0.1	U
Chloroform,TCLP		6/25/2003	D022	6	0.1	U
Hexachlorobenzene,TCLP		7/1/2003	D032	0.13	0.1	U
Hexachlorobutadiene,TCLP		7/1/2003	D033	0.5	0.1	U*
Hexachloroethane,TCLP		7/1/2003	D034	3	0.1	U*
Nitrobenzene,TCLP		7/1/2003	D036	2	0.1	U
Pentachlorophenol,TCLP		7/1/2003	D037	100	0.5	U
Pyridine,TCLP		7/1/2003	D038	5	0.2	U
Tetrachloroethene,TCLP		6/25/2003	D039	0.7	0.1	U
Trichloroethene,TCLP		6/25/2003	D040	0.5	0.1	U
Vinyl chloride,TCLP		6/25/2003	D043	0.2	0.1	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTE CHARACTERIZATION FOR BRAKE WASH RESIDUE

TABLE 1B
Summary of Analytical Results for RCRA Metals Analytes

Sample ID: BVMF-WC03						
Analyte	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
Arsenic,TCLP	6/17/2003	6/26/2003	D004	5	0.014	B
Barium,TCLP			D005	100	0.26	B
Cadmium,TCLP			D006	1	0.050	U
Chromium,TCLP			D007	5	0.050	U
Copper,TCLP			--	--	0.84	
Iron,TCLP			--	--	0.10	U
Lead,TCLP			D008	5	0.050	U
Manganese,TCLP			--	--	1.0	
Mercury,TCLP			D009	0.2	0.0020	U
Nickel,TCLP			--	--	0.49	
Selenium,TCLP			D010	1	0.10	U
Silver,TCLP			D011	5	0.050	U
Zinc,TCLP			--	--	1.7	

TABLE 1C
Summary of Analytical Results for RCRA Characteristics

Sample ID: BVMF-WC03						
RCRA Characteristic	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits	Result	Qualifier
% Solids	6/17/2003	6/23/2003	--	--	26.50%	
Ignitability (Flashpoint)		6/30/2003	D001	< 140	>200	
Corrosivity (pH Solid)		6/30/2003	D002	less than or equal to 2 or greater than or equal to 12.5	8.2	
Temperature at Analysis (°C)		6/30/2003	--	--	21.5	

Notes:

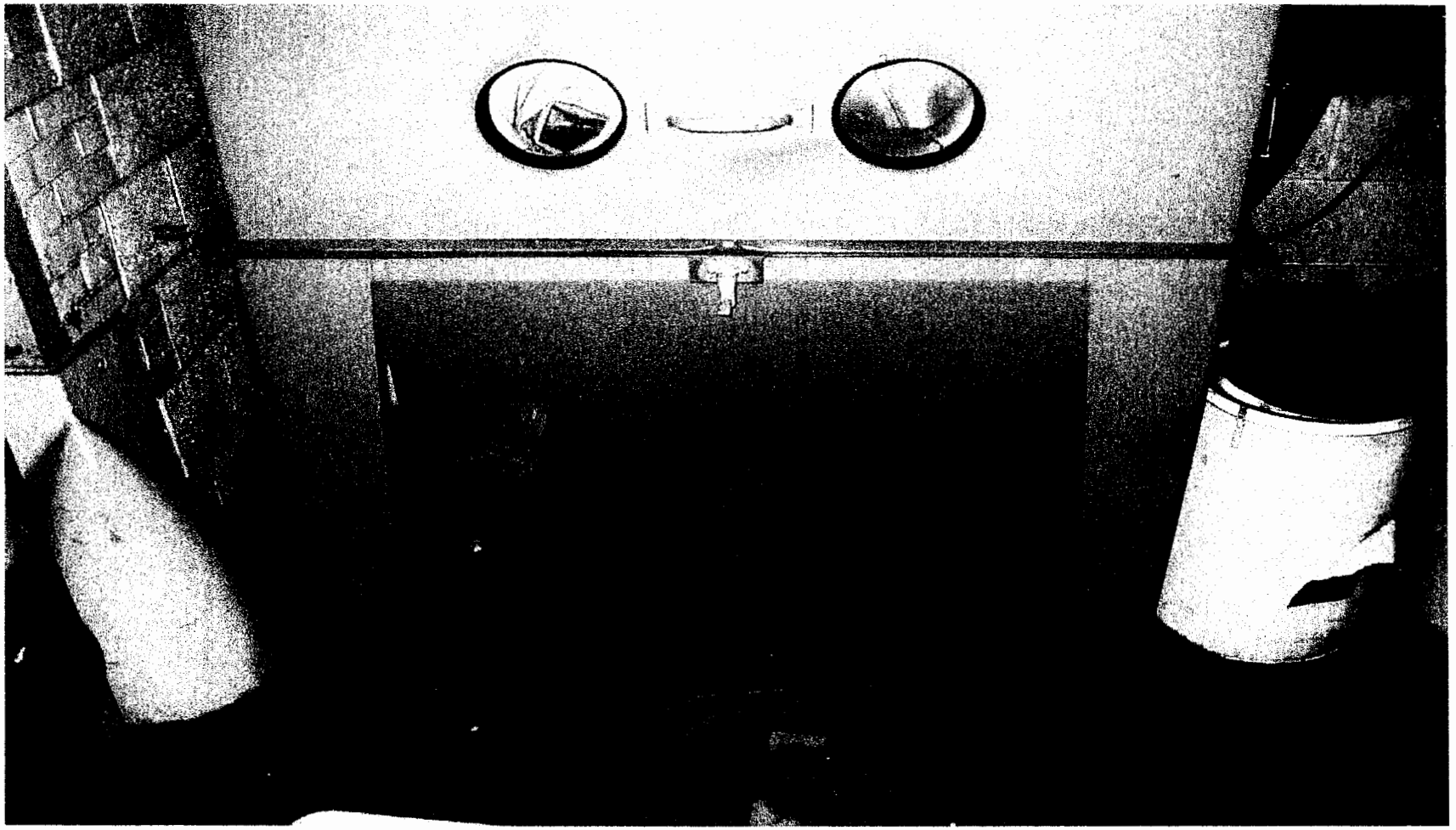
-- - No RCRA code or RCRA limit exists.

B (metals analyses) - Result less than the reporting limit but greater than the instrument detection limit.

U (metals analyses) - Not detected above reported limit.

Summary of Analyses

Brake Washer Residue is Non-hazardous.



Sand from Sand Blaster Waste Stream

Waste Characterization Report

WASTE CHARACTERIZATION FOR SAND FROM SAND BLASTER

TABLE 1A
Summary of Analytical Results for RCRA Organic Compounds

Sample ID: BVMF-WC04						
Compound	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
1,1-Dichloroethene,TCLP	6/17/2003	6/25/2003	D029	0.7	0.1	U
1,2-Dichloroethane,TCLP		6/25/2003	D028	0.5	0.1	U
1,4-Dichlorobenzene,TCLP		7/1/2003	D027	7.5	0.1	U
2,4,5-Trichlorophenol,TCLP		7/1/2003	D041	400	0.5	U
2,4,6-Trichlorophenol,TCLP		7/1/2003	D042	2	0.1	U
2,4-Dinitrotoluene,TCLP		7/1/2003	D030	0.13	0.1	U
2-Butanone (MEK),TCLP		6/25/2003	D035	200	0.1	U
2-Methylphenol (o-cresol),TCLP		7/1/2003	D026	200	0.1	U
3,4-Methylphenol (m/p-cresol),TCLP		7/1/2003			0.1	U
Benzene,TCLP		6/25/2003	D018	0.5	0.1	U
Carbon tetrachloride,TCLP		6/25/2003	D019	0.5	0.1	U
Chlorobenzene,TCLP		6/25/2003	D021	100	0.1	U
Chloroform,TCLP		6/25/2003	D022	6	0.1	U
Hexachlorobenzene,TCLP		7/1/2003	D032	0.13	0.1	U
Hexachlorobutadiene,TCLP		7/1/2003	D033	0.5	0.1	U*
Hexachloroethane,TCLP		7/1/2003	D034	3	0.1	U*
Nitrobenzene,TCLP		7/1/2003	D036	2	0.1	U
Pentachlorophenol,TCLP		7/1/2003	D037	100	0.5	U
Pyridine,TCLP		7/1/2003	D038	5	0.2	U
Tetrachloroethene,TCLP		6/25/2003	D039	0.7	0.1	U
Trichloroethene,TCLP		6/25/2003	D040	0.5	0.1	U
Vinyl chloride,TCLP		6/25/2003	D043	0.2	0.1	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTE CHARACTERIZATION FOR SAND FROM SAND BLASTER

TABLE 1B
Summary of Analytical Results for RCRA Metals Analytes

Sample ID: BVMF-WC04						
Analyte	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
Arsenic,TCLP	6/17/2003	6/26/2003	D004	5	0.10	U
Barium,TCLP			D005	100	0.79	B
Cadmium,TCLP			D006	1	0.048	B
Chromium,TCLP			D007	5	0.029	B
Copper,TCLP			--	--	0.18	
Iron,TCLP			--	--	26	
Lead,TCLP			D008	5	1.7	
Manganese,TCLP			--	--	0.64	
Mercury,TCLP			D009	0.2	0.0020	U
Nickel,TCLP			--	--	2.5	
Selenium,TCLP			D010	1	0.10	U
Silver,TCLP			D011	5	0.050	U
Zinc,TCLP			--	--	14	

TABLE 1C
Summary of Analytical Results for RCRA Characteristics

Sample ID: BVMF-WC04						
RCRA Characteristic	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits	Result	Qualifier
% Solids	6/17/2003	6/23/2003	--	--	93.60%	
Ignitability (Flashpoint)		6/30/2003	D001	< 140	>200	
Corrosivity (pH Solid)		6/30/2003	D002	less than or equal to 2 or greater than or equal to 12.5	8.1	
Temperature at Analysis (°C)		6/30/2003	--	--	21.4	

Notes:

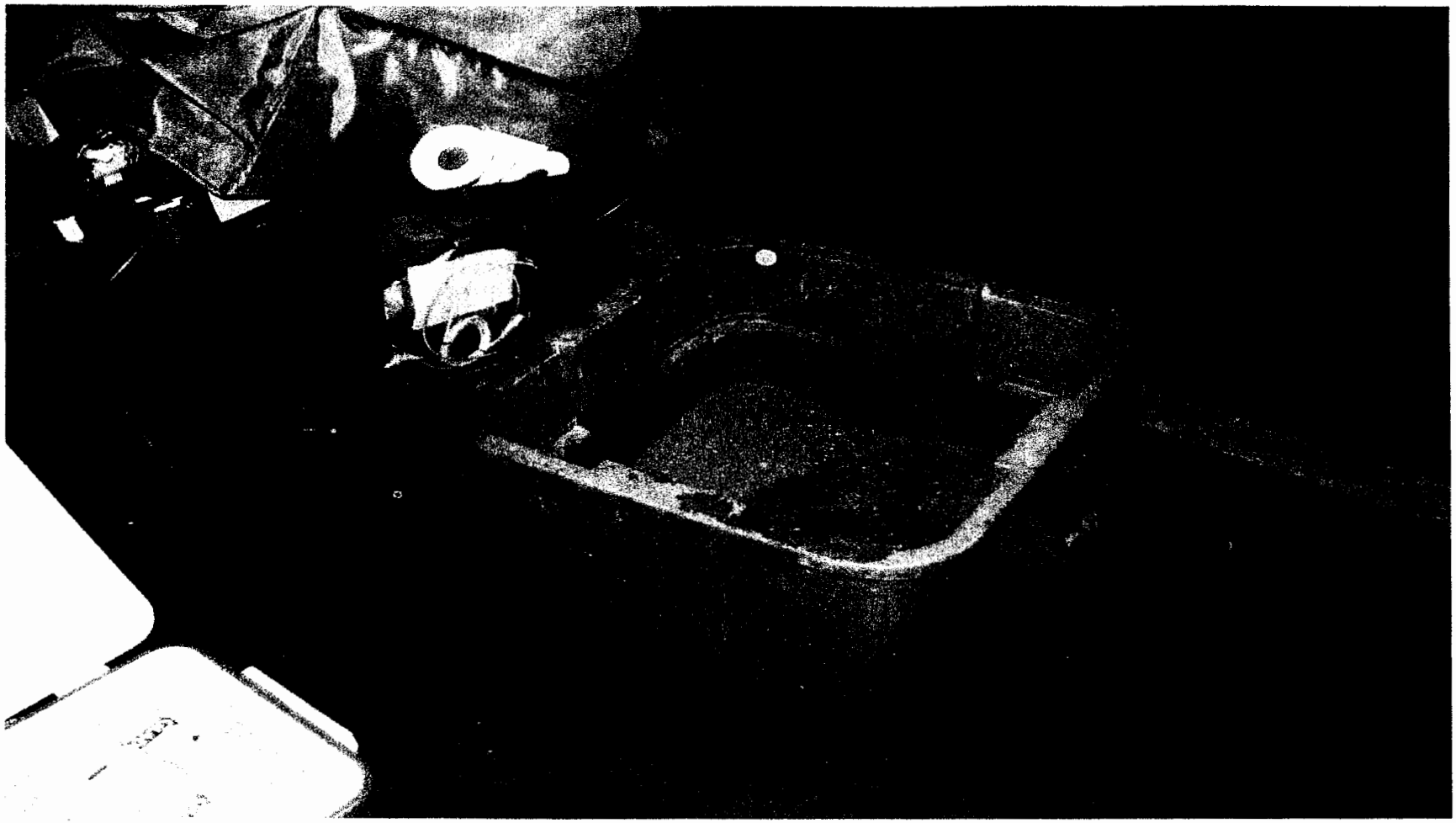
-- - No RCRA code or RCRA limit exists.

B (metals analyses) - Result less than the reporting limit but greater than the instrument detection limit.

U (metals analyses) - Not detected above reported limit.

Summary of Analyses

Sand from the Sand Blaster is Non-hazardous.



Used Absorbent Material Waste Stream

Waste Characterization Report

WASTE CHARACTERIZATION FOR USED ABSORBENT MATERIAL

TABLE 1A
Summary of Analytical Results for RCRA Organic Compounds

Sample ID: BVMF-WC05						
Compound	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
1,1-Dichloroethene,TCLP	6/17/2003	6/25/2003	D029	0.7	0.1	U
1,2-Dichloroethane,TCLP		6/25/2003	D028	0.5	0.1	U
1,4-Dichlorobenzene,TCLP		7/1/2003	D027	7.5	0.1	U
2,4,5-Trichlorophenol,TCLP		7/1/2003	D041	400	0.5	U
2,4,6-Trichlorophenol,TCLP		7/1/2003	D042	2	0.1	U
2,4-Dinitrotoluene,TCLP		7/1/2003	D030	0.13	0.1	U
2-Butanone (MEK),TCLP		6/25/2003	D035	200	0.1	U
2-Methylphenol (o-cresol),TCLP		7/1/2003	D026	200	0.1	U
3,4-Methylphenol (m/p-cresol),TCLP		7/1/2003			0.1	U
Benzene,TCLP		6/25/2003	D018	0.5	0.1	U
Carbon tetrachloride,TCLP		6/25/2003	D019	0.5	0.1	U
Chlorobenzene,TCLP		6/25/2003	D021	100	0.1	U
Chloroform,TCLP		6/25/2003	D022	6	0.1	U
Hexachlorobenzene,TCLP		7/1/2003	D032	0.13	0.1	U
Hexachlorobutadiene,TCLP		7/1/2003	D033	0.5	0.1	U*
Hexachloroethane,TCLP		7/1/2003	D034	3	0.1	U*
Nitrobenzene,TCLP		7/1/2003	D036	2	0.1	U
Pentachlorophenol,TCLP		7/1/2003	D037	100	0.5	U
Pyridine,TCLP		7/1/2003	D038	5	0.2	U
Tetrachloroethene,TCLP		6/25/2003	D039	0.7	0.1	U
Trichloroethene,TCLP		6/25/2003	D040	0.5	0.1	U
Vinyl chloride,TCLP		6/25/2003	D043	0.2	0.1	U

Notes:

U (organic analyses) - Not detected above reported limit.

* (organic analyses) - Batch QC exceeds upper or lower control limits.

WASTE CHARACTERIZATION FOR USED ABSORBENT MATERIAL

TABLE 1B
Summary of Analytical Results for RCRA Metals Analytes

Sample ID: BVMF-WC05						
Analyte	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits (mg/L)	Result (mg/L)	Qualifier
Arsenic,TCLP	6/17/2003	6/26/2003	D004	5	0.10	U
Barium,TCLP			D005	100	0.57	B
Cadmium,TCLP			D006	1	0.050	U
Chromium,TCLP			D007	5	0.050	U
Copper,TCLP			--	--	0.019	B
Iron,TCLP			--	--	0.15	
Lead,TCLP			D008	5	0.0056	B
Manganese,TCLP			--	--	0.84	
Mercury,TCLP			D009	0.2	0.0020	U
Nickel,TCLP			--	--	0.050	U
Selenium,TCLP			D010	1	0.10	U
Silver,TCLP			D011	5	0.050	U
Zinc,TCLP			--	--	0.44	

TABLE 1C
Summary of Analytical Results for RCRA Characteristics

Sample ID: BVMF-WC05						
RCRA Characteristic	Date Sample Collected	Date Sample Analyzed	EPA ID Code	RCRA TCLP Limits	Result	Qualifier
% Solids	6/17/2003	6/23/2003	--	--	91.00%	
Ignitability (Flashpoint)		6/30/2003	D001	< 140	>200	
Corrosivity (pH Solid)		6/30/2003	D002	less than or equal to 2 or greater than or equal to 12.5	4.6	
Temperature at Analysis (°C)		6/30/2003	--	--	21.1	

Notes:

-- - No RCRA code or RCRA limit exists.

B (metals analyses) - Result less than the reporting limit but greater than the instrument detection limit.

U (metals analyses) - Not detected above reported limit.

Summary of Analyses

Used Absorbent Material is Non-hazardous.