

Statement of Limitations and Conditions

Attachment to Opinion of Massachusetts Licensed Site Professional

Rizzo Associates, Inc.

Name of Licensed Site Professional:	Robert J. Ankstitus P.E., L.S.P.
LSP Registration Number:	9556
Date of Opinion:	August 11, 1997
Client to Whom Opinion was Rendered:	H.P. Hood, Inc.
Date of Agreement between Rizzo Associates and Client pursuant to which Opinion was Rendered:	February 14, 1997
Response Tracking No./Site No.:	RTN 3-14151

This Statement of Limitations and Conditions is an integral part of, and is incorporated by reference into, the Opinion of Massachusetts Licensed Site Professional referenced above.

Limitations

I. Purpose of Opinion

- A. This Opinion is being provided in compliance with the requirements set forth in the Massachusetts Contingency Plan (• MCP•), 310 CMR 40.0000 et seq. Specifically, the LSP has prepared this Opinion at the request of the Client identified above as part of a Phase I Completion Statement and Tier Classification Submittal. This stated purpose has been a significant factor in determining the scope and level of services required to render this Opinion.
- B. Should the purpose for which this Opinion is to be used change, this Opinion shall no longer be valid.

2. General

- A. This Opinion was prepared for the sole and exclusive use of the Client, subject to the provisions of the MCP. No other party is entitled to rely in any way on the conclusions, observations, specifications, or data contained herein without the express written consent of Rizzo Associates, Inc. and the LSP who rendered this opinion. Any use of this Opinion by anyone other than Client, or any use of this Opinion by Client or others for any purpose other than the stated purpose set forth above, without the LSP's review and the written authorization of Rizzo Associates, Inc. and the LSP, shall be at the user's sole risk, and neither Rizzo Associates, Inc. nor the LSP shall have any liability or responsibility therefor.
- B. This Opinion was prepared pursuant to an Agreement between Rizzo Associates, Inc. and the Client referenced above which defines the scope of work and sets out agreements regarding waivers of consequential damages, limitations on liability, and other important conditions and restrictions pursuant to which the Opinion is rendered. All uses of the Opinion are subject to and deemed acceptance of the conditions and restrictions contained in such Agreement. A copy of the Agreement or relevant excerpts from the Agreement will be made available upon requests to any authorized person seeking to use the Opinion.

3. Scope of Services

The observations and conclusions described in this Opinion are based solely on the Services provided pursuant to the Agreement with the Client and any approved additional services authorized by Client. Without limitation of any other applicable limitations or conditions, neither Rizzo Associates, Inc. nor the LSP shall be liable for the existence of any condition, the discovery of which would have required the performance of services not authorized under the Agreement. To the best of the knowledge and belief of Rizzo Associates, Inc. and the LSP who signed this Opinion, no inquiry of an attorney-at-law having being made, no laws,

regulations, orders, permits or approvals are applicable to the response actions to which this opinion relates except, if and to the extent applicable, M.G.L. c. 21A, Sections 19-19J, 309 CMR, M.G.L. c. 21 E and 310 CMR 40.0000. Accordingly, this opinion is not intended to and does not address compliance with any other laws, regulation, orders, permits or approvals.

4. Changed Circumstances

The passage of time may result in changes in technology, economic conditions or regulatory standards, manifestations of latent conditions, or the occurrence of future events which would render this Opinion inaccurate or otherwise inapplicable. Neither Rizzo Associates, Inc. nor the LSP shall be liable or responsible for the consequences of any such changed circumstances or conditions on the accuracy of this Opinion. In addition, under no circumstances shall the Client nor any other person or entity rely on the information or conclusions contained in this Opinion after six months from its date of submission without the express written consent of Rizzo Associates, Inc. and the LSP. Reliance on the Opinion after such period of time shall be at the user's sole risk.

Should Rizzo Associates, Inc. or the LSP be required or requested to review or authorize others to use this Opinion after its date of submission, Rizzo Associates, Inc. shall be entitled to additional compensation at then existing rates or such other terms as may be agreed upon between Rizzo Associates, Inc. and the Client. Nothing herein contained shall be deemed to require Rizzo Associates, Inc. or the LSP to undertake any such review or authorize others to use this Opinion.

The conclusions stated in this Opinion are based upon [check and initial appropriate boxes]:

- Visual inspection of existing physical conditions;
- Review and interpretation of site history and site usage information which was made available or obtained within the scope of work authorized by the Client;
- Information provided by the Client;

Phase I Completion Statement and Tier Classification Submittal

131-141 Eliot Street

4 Milton, Massachusetts

RTN 3-14151

- Information and/or analyses for designated substances or parameters provided by an independent testing service or laboratory on a limited number of samples;
- A limited number of subsurface explorations made on dates indicated in documentation supporting this Opinion;
- Other

upon which the LSP has relied and presumed accurate, and upon which the LSP is entitled to reasonably rely. The LSP was not authorized and did not attempt to independently verify the accuracy or completeness of information or materials received from the Client and/or from laboratories and other third parties during the performance of its services. Neither Rizzo Associates, Inc. nor the LSP shall be liable for any condition, information, or conclusion, the discovery of which required information not available to the LSP or for independent investigation of information provided to the LSP by the Client and/or independent third parties.

This Opinion is rendered for the limited purpose stated above, and is not and should not be deemed to be an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made by this opinion, and any implied warranties of merchantability or fitness for a particular purpose are expressly disclaimed. Without limiting the generality of the foregoing, no warranty or guarantee is made that all contamination at a site or sources or contamination has been detected or identified, that any action or recommended action will achieve all of its objectives, or that this Opinion or any action as to which this Opinion relates will be upheld by any audit conducted by the DEP or any other party.

RIZZO ASSOCIATES, INC.

ENGINEERS AND ENVIRONMENTAL SCIENTISTS

AN EMPLOYEE-OWNED COMPANY

235 West Central Street, Natick, MA 01760-3755 (508) 903-2000 FAX (508) 903-2001

November 16, 1998

Mr. Richard Chalpin
Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup
Northeast Regional Office
205A Lowell Street
Wilmington, Massachusetts 01887

**Re: Response Action Outcome
131-141 Eliot Street
Milton, Massachusetts
RTN 3-14151**

Dear Mr. Chalpin:

On behalf of H.P. Hood, Inc., Rizzo Associates, Inc. is pleased to submit this Response Action Outcome (RAO) Report for the above-referenced DEP RTN 3-14151. Because the Site is Tier classified, no filing fee is required. This RAO Report summarizes the response actions related to a reported release of liquid phase petroleum (LPP) identified as lube and hydraulic oil located beneath the Site building basement floor.

Please contact us if you have any questions regarding this report.

Very truly yours,



Jonathan M. Noris, CHMM
Environmental Engineer



Felix A. Perriello, CHMM, CPSS, CPG
Senior Project Scientist/Soil Microbiologist



Robert J. Ankstius, P.E., L.S.P.
Senior Project Manager

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Response Action Outcome
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Milton, Massachusetts
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1.0 Introduction

Rizzo Associates on behalf of H.P. Hood, Inc. has prepared this Response Action Outcome (RAO) for the property located at 131-141 Eliot Street in Milton, Massachusetts (the Site). The RAO addresses the response actions conducted to mitigate liquid-phase petroleum (LPP) identified as lube and hydraulic oil located beneath the Site building Lower Machine Room (LMR) basement floor. A Site locus map and a Site plan are presented as Figures 1 and 2, respectively.

2.0 Response Actions and Regulatory Background

The Site is occupied by a vacant, former ice cream manufacturing plant formerly operated by companies including Hendrie's Inc. and H.P. Hood, Inc. The plant was in operation for over 30 years. The plant building is a masonry and concrete structure with two distinct plant-use sections. The first building section was primarily used as office space. The second building section served as a production and storage area. A large freight elevator is located at the rear of the building. The basement section of the building includes the LMR and other smaller rooms that contain machinery, sumps and lift stations. A plan of the LMR that was provided to Rizzo Associates indicated that different types and grades of lubricating and compressor oils were formerly stored in the LMR for machinery maintenance and operation.

On April 15, 1996 Rizzo Associates, Inc. conducted a limited site investigation to evaluate the reported occurrence of LPP staining in the LMR. The limited site investigation included a Site reconnaissance and a subsurface investigation to assess potential areas where petroleum contamination had been observed by others. During the Site visit, oil staining was observed at two joint/seam areas of the LMR concrete floor and along a crack in the concrete floor within the LMR. No oil staining was observed in the area of the LMR sump pump. The Site's underground storage tank (UST) areas were visually inspected for the presence of oil staining. No oil staining was observed by the fill pipes or vent pipes for the fuel oil UST or the waste oil UST.

On April 15, 1996, Rizzo Associates' personnel supervised the advancement of two soil borings in the LMR. Free-floating petroleum product was observed in the two soil borings. One soil sample and one oil

sample were collected from each of the soil borings. The samples were submitted to Alpha Analytical Laboratory for analysis for total petroleum hydrocarbons (TPH) by EPA Method 8100 Modified. The analytical results for the soil samples reported TPH concentrations detected at 84,000 milligrams per kilogram (mg/kg) and 15,000 mg/kg, and the results for the oil samples were reported at concentrations of 41,000 mg/kg and 4,600 mg/kg. The petroleum hydrocarbon was identified as motor oil, which is believed to be hydraulic oil and/or lubrication oil formerly used at the Site.

H.P. Hood, Inc. submitted a Release Notification Form (RNF) for the LPP occurrence discovered in the LMR at the Site to the Massachusetts Department of Environmental Protection (DEP) on August 9, 1996. In response, the DEP forwarded a Notice of Responsibility (NOR) dated September 5, 1996 to both current Site owner, Ms. Regena O'Neill, and a former operator, H.P. Hood, Inc. identifying the reported release at the Site as RTN 3-14151.

In March 1997, Rizzo Associates conducted a limited subsurface investigation to assess the soil and groundwater conditions in the vicinity of the underground storage tanks (USTs), the area of the former LMR and accessible areas upgradient and downgradient from these areas based upon Site topography. On March 3 and 4, 1997, Redwing Environmental Technologies of Framingham, Massachusetts, advanced ten soil borings into groundwater at the Site under the supervision of a Rizzo Associates scientist. Six of the borings were advanced in the LMR (SB-3 through SB-8). The four exterior soil borings (RIZ-1 through RIZ-4) were completed as groundwater monitoring wells.

Soil samples collected during the installation of monitoring well RIZ-3 and five soil borings installed into the LMR floor in March 1997 had detected EPH concentrations that exceeded the MCP RCS-1 soil concentrations. In addition, these soil samples also had concentrations of polycyclic aromatic hydrocarbons (PAHs) that exceeded the MCP RCS-1 soil concentrations. The PAHs detected in soil samples collected from beneath the LMR floor, which at the time was impacted by LPP, are likely impurities, constituents or breakdown products associated with motor oils formerly stored for machinery maintenance and operation at the Site.

The applicable MCP RC for the Site groundwater is RCGW-2. EPH and volatile organic compounds (VOCs) were not detected above the

applicable MCP RCGW-2 standards in any of the groundwater samples analyzed in March 1997.

On behalf of H.P. Hood, Inc., Rizzo Associates submitted a RAM Plan for the LMR remediation to the DEP on April 10, 1998. The objective of the LMR remediation was to remove the LPP and petroleum-impacted soil located beneath the concrete floor in the LMR (Figure 2). The remediation scope of work consisted of: (1) removal of the concrete floor in the LMR; (2) removal of LPP and contaminated groundwater for off-site disposal by Clean Harbors; (3) excavation of petroleum-contaminated soil; (4) off-site disposal of the excavated petroleum-contaminated soil and concrete rubble at an approved asphalt batching facility; and (5) backfill restoration of the LMR.

2.1 Soil Pre-Characterization for Disposal

On April 13, 1998, a representative of Donadio Associates, Inc. (Donadio) collected a composite soil sample from the LMR for pre-characterization of petroleum-contaminated soils for asphalt batching recycling. The composite soil sample was submitted for laboratory analyses for the required asphalt batching plant parameters (PCB, TPH by Method 418.1, Flashpoint, pH, Reactivity, Total RCRA Metals, and VOC by Method 8260). Analytical data indicated that the petroleum contaminant concentrations in the soil did not exceed the Massachusetts DEP recycling/operating permit limits of the in-state asphalt batching facilities.

2.2 Soil Excavation in Lower Machine Room

The LMR (see Figure 2) is approximately 60 feet by 30 feet in area. During the period April 13 to May 19, 1998 Clean Harbors Environmental, under the supervision of Rizzo Associates' engineers, excavated the LMR concrete floor and petroleum-impacted soils to a depth of 4 feet below the building foundation or to bedrock as it was encountered. Bedrock encountered beneath the LMR floor was observed to be competent with no visible fractures or fissures. The concrete floor and subsurface soils were excavated using a backhoe equipped with a jackhammer and bucket. The concrete rubble and excavated soil were temporarily stored in an elevator shaft on the west side of the LMR before removal from the basement using a scale-bucket and crane. The bedrock was scraped and brushed clean and no LPP was observed on or in the rock matrix. The concrete rubble was segregated and steam-cleaned prior to disposal off-site at a recycling facility. The LPP observed floating on the perched water immediately beneath the LMR concrete floor was recovered

using a vacuum truck and disposed of at Clean Harbors facility in South Portland, Maine. In addition, 24,375 gallons of LPP and petroleum-impacted groundwater from the excavation was pumped from the excavation during the LPP recovery activities. During the period April 17 to May 15, 1998, petroleum-impacted soils (284.29 tons) were removed from the Site under a Bill of Lading. This soil material was shipped to American Reclamation Corporation (AMREC) located in Charlton, Massachusetts for recycling.

2.3 Confirmatory Soil Samples

Confirmatory soil samples were collected on May 18, 1998 from the four sidewalls of the LMR excavation. Bottom samples were not collected due to the presence of bedrock. The four confirmatory samples were submitted to Rhode Island Analytical Laboratories located in Newton, Massachusetts for analysis for extractable petroleum hydrocarbons (EPHs). The concentrations of EPH carbon ranges detected above the laboratory detection limits were below the applicable MCP S-1 and S-1/GW-2 standards. In addition, no PAHs were detected above the laboratory detection limits of 0.40 mg/kg. No exceedances were noted.

2.4 Groundwater Sampling and Analysis

Little potential exists at the Site for migration of the LMR motor oil constituents in the groundwater due to confinement by the bedrock and foundation of the Site building. LPP and dissolved petroleum were not detected in the groundwater samples collected from monitoring wells located outside and downgradient of the Site building (RIZ-1 through RIZ-4) in March 1997, and LPP was not detected in the monitoring wells RIZ-1 through RIZ-4 during a gauging event on April 14, 1998. Therefore, groundwater samples were not collected as part of these response actions.

2.5 LMR Floor Restoration & RAM Completion

Following the collection of confirmatory samples, a new LMR floor was constructed during the week of May 18, 1998. The floor restoration proceeded with a layer of 12-ml polyethylene sheeting in the excavation on top of the bedrock, followed by a two foot thick layer of crushed stone, a second layer of 12-ml polyethylene sheeting, a foot of gravel, a third layer of 12- ml polyethylene sheeting, a 6-inch layer of cement, a fourth layer of 12-ml polyethylene sheeting and a final 6-inch top layer of concrete anchored with rebar to the LMR foundation.

Given the results of the confirmatory soil samples collected from the excavation sidewalls described above, no further activities are planned for the Site in reference to the LMR remediation and for RTN 3-14151. The response actions are complete and a Class A-2 RAO has been achieved for the Site.

3.0 Disposal of Remediation Waste

During the period April 17 to May 15, 1998, petroleum-impacted soils (284.29 tons) were removed from the Site under a Bill of Lading. This soil material was shipped to American Reclamation Corporation (AMREC) located in Charlton, Massachusetts for recycling.

A total of 24,375 gallons of petroleum-impacted groundwater and oil was pumped from the excavation during the LPP recovery activities and was disposed at Clean Harbors facility located in South Portland, Maine.

Copies of the Bill of Lading and hazardous waste manifests are included in Appendix E.

4.0 Risk Characterization

Rizzo Associates has conducted a Risk Characterization for the release Site in conformance with the requirements of the MCP (310 CMR 40.0000). The DEP guidance document for risk characterization, Guidance for Disposal Site Risk Characterization - In Support of the Massachusetts Contingency Plan, has been followed in this analysis.

Method Selection. The MCP defines three methods for risk characterization. Method 1 allows for a relatively comprehensive, rapid evaluation of risk at a Site by comparison of Exposure Point Concentrations (EPCs) to standards published by the DEP. The Method 1 standards incorporate conservative assumptions for both contaminant transport and exposure, resulting in an overall conservative analysis. In comparison, Method 3 provides a fully site-specific quantitative risk characterization. Method 2 risk characterizations lie between the two and allow the Risk Assessor to derive standards for compounds for which DEP has not published standards, and to consider limited site-specific information to calculate Method 2 standards adjusted for fate and transport characteristics of the site.

Method Description. In keeping with the low level of complexity of the conditions at the Site, we selected a Method 1 risk characterization. We compared EPCs for each compound to applicable published Method 1 standards for soil and groundwater at the Site.

Hazard Identification

In this section, we present the data used in the risk characterization. From this data, we identify the compounds of concern at the study area and present chemical and physical data relevant to the behavior of those compounds in the environment.

Sampling and Analysis Program . Data used in this characterization includes analytical results obtained during the sampling and analysis of soil from the area of the LMR excavation and from four monitoring wells, three advanced into bedrock (RIZ-1, RIZ-2, RIZ-3), and one into the overburden (RIZ-4).

Selection of the Study Compounds . Tables 1 and 2 present the analytical data used in this risk characterization.

Within Tables 1 and 2, we present concentrations of detected compounds in units of micrograms per kilogram (mg/kg) for soil and micrograms per liter (mg/L) for groundwater.

If a sample was diluted prior to analysis, the MDLs for compounds targeted by that analysis would be elevated by a dilution factor. This can lead to MDLs for particular samples that exceed Method 1 standards. This is problematic for Method 1 risk characterizations because, while the laboratory is reporting that a compound was not detected above a specified MDL concentration, it is difficult to determine the actual concentration (if any) of that compound. The compound may not be present (and have a concentration of zero), or it may be present at a concentration between zero and the MDL. If the Method 1 standard also lies within that range, it is impossible to compare the compound concentration to the standard without assigning a concentration value to the compound.

The DEP Guidance Document addresses this problem by recommending that "nondetects" be assigned values equal to one-half of the MDL for that sample, if evidence indicates that the compound is likely to be present (e.g., if the compound was previously detected in that medium) If

evidence indicates that the compound is unlikely to be present, we assign the "nondetects" a value of zero.

Exposure Assessment

DEP has derived multiple risk limits for compounds depending on specific potential exposures to those compounds. Separate exposure schemes are used for groundwater and for soil.

Groundwater Classification Categories. Based on differing exposures, DEP defines the following three groundwater categories:

- GW-1 groundwater includes current or potential sources of drinking water.
- GW-2 groundwater includes potential sources of vapors of oil or hazardous materials in indoor air. It includes all groundwater where the depth of the water table averages less than 15 feet annually and where the contaminants lie within 30 feet of an occupied building.
- GW-3 groundwater includes all groundwater at all disposal Sites based on the potential for future discharge to surface water.

Groundwater at a Site may be classified as one, two or all three of the groundwater categories. If more than one category applies to groundwater at the study area, the lower standard represents the concentration to which groundwater EPCs must be compared.

Soil Classification Categories. DEP defines three soil categories that differ based on three characteristics of human exposure potential: the accessibility of the soil, the frequency of exposure to soil, and the intensity of exposure to the soil. The interaction of these characteristics produces the soil category matrix as shown in the MCP.

As used in the matrix, the accessibility of the soil may be described as either accessible, potentially accessible, or isolated depending on the depth of the soil, whether pavement covers the soil, and (for isolated soil) whether the soil lies beneath a building. Frequency refers to how often a receptor uses or has access to the Site and the surrounding environment. Frequency may be classified as high or low. Intensity refers to the nature of the Site activities and uses that could potentially result in soil exposure and may be classified as either high or low. High intensity exposures include gardening, digging, and recreational sports, and low intensity

exposures include walking or shopping. As shown in the soil category matrix, whether or not children use the Site, also affects the soil category. In general, S-1 soils represent the greatest exposure potential followed by S-2 soils and finally S-3 soils, which represent the least exposure potential.

In contrast to groundwater, a volume of soil at a Site may only be classified as one of the three soil categories. However, since the soil may impact groundwater through leaching of contaminants, a combination of the applicable soil and groundwater categories actually defines the applicable soil standard.

Site Classification. The site is not located within a Zone II for a public water supply, an Interim Wellhead Protection Area, a Potentially Productive Aquifer, or a Zone A of a Class A surface water supply. Residential properties are located within 500 feet of the Site. The Site and surrounding area are serviced by a municipal water supply and no identified private drinking water wells are located within 500 feet. The average annual depth to groundwater is less than fifteen feet from the ground surface. Based on these criteria, the Site groundwater is classified as GW-2 and GW-3 (groundwater at all disposal Sites is considered GW-3).

Classification of Site soil was based on current and foreseeable future use. Currently, the Site is commercially zoned for light industry. The future use of the property is also considered to be as a commercial property. The majority of the Site is paved. Since the Site is vacant and the soils in the LMR are below a concrete floor and under the footprint of a building structure, the Site soil is classified as S-3. To evaluate the need for an Activity and Use Limitation (AUL) at the Site, we compared reported soil concentrations to the MCP S-1 standards. If the current Site building were to be demolished, there would be no limitations on the future use and development of the property because remediation cleanup attained S-1 soil standards and no evidence of groundwater contamination was found.

The current Site usage is characterized as low frequency and low intensity usage by adults (site workers, transients and pedestrians) and low frequency and low intensity (transients, and pedestrians) by children. The soils in the LMR are not accessible (under concrete and foundation). Based on current and foreseeable Site usage, the Site soils were characterized as soil category S-3. The applicable standards would be the GW-2 standards, and the lower of the S-3/GW-2 or the S-3/GW-3 standards

Estimation of Exposure Point Concentrations. EPCs represent the estimated concentration of a compound to which a receptor may be exposed at the point of exposure. In keeping with available DEP guidance, this characterization assumes that contaminant concentrations on the Site remain unchanged. Thus, we do not consider any mitigating factors resulting over the course of time (such as biodegradation).

Risk of Harm to Public Safety

Potential safety hazards such as physical dangers, flammable oils or hazardous materials (OHM), or corrosive OHM were evaluated for the former UST area. The removal of contaminated soil has abated the risk of Harm to Public Safety at the Site. This conclusion was made without the imposition of any use restriction or operating conditions that would require the implementation of an Activity and Use Limitation (AUL).

Risk of Harm to Human Health, Public Welfare, and the Environment

According to the MCP, a finding of No Significant Risk of harm to human health and the environment exists if no Exposure Point Concentration is greater than the applicable MCP Method 1 soil and groundwater standards. This section presents a comparison of risk conditions with reference standards.

Tables 1 and 2 compare groundwater and soil data to the appropriate MCP Method 1 standards, respectively.

No compounds were detected in the soils and groundwater of the Site in concentrations exceeding the applicable GW-2, S-3/GW-2, and S-3/GW-3 standards. No AUL is required at the Site since the calculated EPCs in the soil are below the S-1, S-1/GW-2, and S-1/GW-3 standards. Having achieved S-1 standards, there will be no restrictions on future property uses for the release site.

Based on these results for soil and groundwater, we find that a condition of No Significant Risk to human health or the environment exists at this Site and that no AUL is required.

5.0 Feasibility of Achieving Background

Soil samples were collected from the sidewalls of the LMR excavation. Since competent bedrock was encountered four feet below the building foundation in the LMR, it was not feasible to collect a bottom confirmatory soil sample. The concentrations of the compounds detected were below MCP Method 1 Risk Characterization standards; however, these detected concentrations were slightly above background.

Though it is technologically feasible to identify, excavate, and remove the remaining low level EPH (that are slightly above or approaching background) in the Site soils and groundwater at the Site, the incremental reduction in risk will be negligible due to the already achieved low concentrations of EPH. Therefore, it is not necessary to obtain background conditions at the Site. The results of the confirmatory sampling for EPH parameters indicated that the detected concentrations are below the applicable MCP Method 1 risk characterization standards for soil categories S-1 and groundwater categories GW-2 for the analyzed compounds.

To safely identify, excavate, and remove the remaining low level EPH concentrations that are slightly above or approaching background levels at the release Site, additional excavation and groundwater treatment would be necessary. The excavation would present a potential safety hazard to Site workers and could endanger portions of the building's foundation with no reduction in exposure risk as a result. Therefore, it is not feasible to obtain background conditions at the Site.

The limited nature of the additional excavation and groundwater treatment would have significant excavation and construction safety costs estimated at about \$251,000. The cost breakdown would be as follows: \$150,000 for shoring and bracing to reinforce the LMR foundation during additional excavation activities; excavation costs for an estimated additional 10 to 25 cubic yards of contaminated soil are estimated at about \$10,000; Site restoration costs including backfill and floor installation are estimated at about \$50,000; laboratory analytical costs for confirmatory soil sampling and soil disposal characterization are estimated at about \$2,000; transportation and disposal costs for the additional 10 to 25 cubic yards of contaminated soil are estimated at about \$5,000; dewatering activities are estimated to be about \$20,000; and Licensed Site Professional and engineering construction oversight consulting costs are estimated at about \$14,000.

It is our opinion that the detected EPH residual concentrations at the Site are slightly above background or are approaching background conditions and therefore have been reduced to the extent feasible. Therefore, a permanent solution has been achieved at the Site because the EPCs in the confirmation samples are less than the MCP Method 1 risk characterization standards. As indicated in previous discussions, these soils already pose No Significant Risk and approach Site background conditions. Therefore, the implementation of additional removal actions at the Site would be an incremental cost that is substantial and disproportionate to the amount of risk reduction, environmental restoration, monetary values, and nonmonetary values.

6.0 Summary and Conclusions

The Site is a vacant, former ice cream manufacturing plant formerly operated by companies including Hendrie's Inc. and H.P. Hood, Inc. The plant was in operation for over 30 years.

On April 15, 1996 Rizzo Associates, Inc. conducted a limited site investigation to evaluate the reported occurrence of LPP staining in the LMR at the Site. The limited site investigation included a Site reconnaissance and a subsurface investigation to assess potential areas where petroleum contamination had been observed by others. During the Site visit, oil staining was observed at two joint/seam areas of the LMR concrete floor and along a crack in the concrete floor within the LMR.

On April 15, 1996, Rizzo Associates' personnel supervised the advancement of two soil borings in the LMR. Free-floating petroleum product was observed in the two soil borings. The petroleum hydrocarbon was identified as motor oil, which is believed to be hydraulic oil and/or lubrication oil formerly used at the Site.

H.P. Hood, Inc. submitted a Release Notification Form (RNF) for the LPP discovered in the LMR at the Site to the DEP on August 9, 1996. In response, the DEP forwarded a Notice of Responsibility (NOR) dated September 5, 1996 to the Site owner, Ms. Regena O'Neill, and a former operator, H.P. Hood, Inc. identifying the reported release at the Site as RTN 3-14151.

During the period April 13 to May 28, 1998 the LMR concrete floor and petroleum-impacted soils were excavated to a depth 4 feet below the building foundation. The bedrock encountered beneath the LMR floor was observed to be competent with no fractures or fissures.

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A total of 24,375 gallons of petroleum-impacted groundwater and oil was pumped from the excavation during LPP recovery activities and shipped to the Clean Harbors facility in South Portland, Maine. A total of 284.29 tons of petroleum-impacted soils were removed from the Site under a Bill of Lading. This soil material was shipped to American Reclamation Corporation (AMREC) located in Charlton, Massachusetts for recycling.

A new LMR floor was constructed during the week of May 18, 1998. The floor restoration proceeded with multiple layers of 12-mil polyethylene sheeting, stone, gravel and concrete.

Given the results of the soil and groundwater samples described previously, no further activities are planned for the Site. A permanent solution has been achieved for the release site as a result of the remedial activities. The response actions for RTN 3-14151 are complete and a Class A-2 RAO has been achieved for the Site.

Table I Positive Groundwater Results and Exposure Point Concentrations

Sample	RIZ-1	RIZ-1 Exposure Point Concentration	RIZ-2	RIZ-2 Exposure Point Concentration	RIZ-3	RIZ-3 Exposure Point Concentration	RIZ-4	RIZ-4 Exposure Point Concentration	Method I Standards GW-2	Method I Standards GW-3
Volatile Organic Compounds (µg/L)										
Naphthalene	8.2	8.2	ND	2.5	6.4	6.4	ND	2.5	6,000	6,000
Methylene Chloride	6.9*	6.9	6.1*	6.1	6.1*	6.1	7.6*	7.6	50,000	50,000
Extractable Petroleum Hydrocarbons (µg/L)										
C ₉ -C ₁₈ Aliphatics	ND	15	ND	15	ND	15	ND	15	1,000	20,000
C ₁₉ -C ₃₆ Aliphatics	ND	20	ND	20	160	160	ND	20	NA	50,000
C ₁₀ -C ₂₂ Aromatics	ND	42.5	ND	42.5	160	160	ND	42.5	50,000	3,000
Polycyclic Aromatic Hydrocarbons (µg/L)										
Naphthalene	ND	2.5	ND	2.5	6.0	6.0	ND	2.5	6,000	6,000

ND Not Detected

NA Not Applicable

*Laboratory Nonconformance Notation: Methylene chloride was found in the analysis of project samples at levels less than 3 to 5 times the Method Detection Limit (MDL). Its presence at the levels reported may be attributable to laboratory contamination. Based on the Nonconformance Notation, we conclude that methylene chloride is not reportable as a Site contaminant.

*Exposure Point concentrations used in risk Assessment presented in Section 5.0

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Table 2 Positive Soil Results and Exposure Point Concentrations

Sample	North		South		East		West		Method I Standards SI/GW-2 SI/GW-3
	Sidewall	Exposure Point Concentration	Sidewall	Exposure Point Concentration	Sidewall	Exposure Point Concentration	Sidewall	Exposure Point Concentration	
Extractable Petroleum Hydrocarbons (mg/kg)									
C ₉ -C ₁₈ Aliphatics	29	29	190	190	36	36	20	20	1,000
C ₁₉ -C ₃₆ Aliphatics	79	79	720	720	130	130	50	50	2,500
C ₁₀ -C ₂₂ Aromatics	26	26	210	210	44	44	18	18	800

*Exposure Point concentrations used in Risk Assessment presented in Section 5.0

1855512_jm.doc



SITE



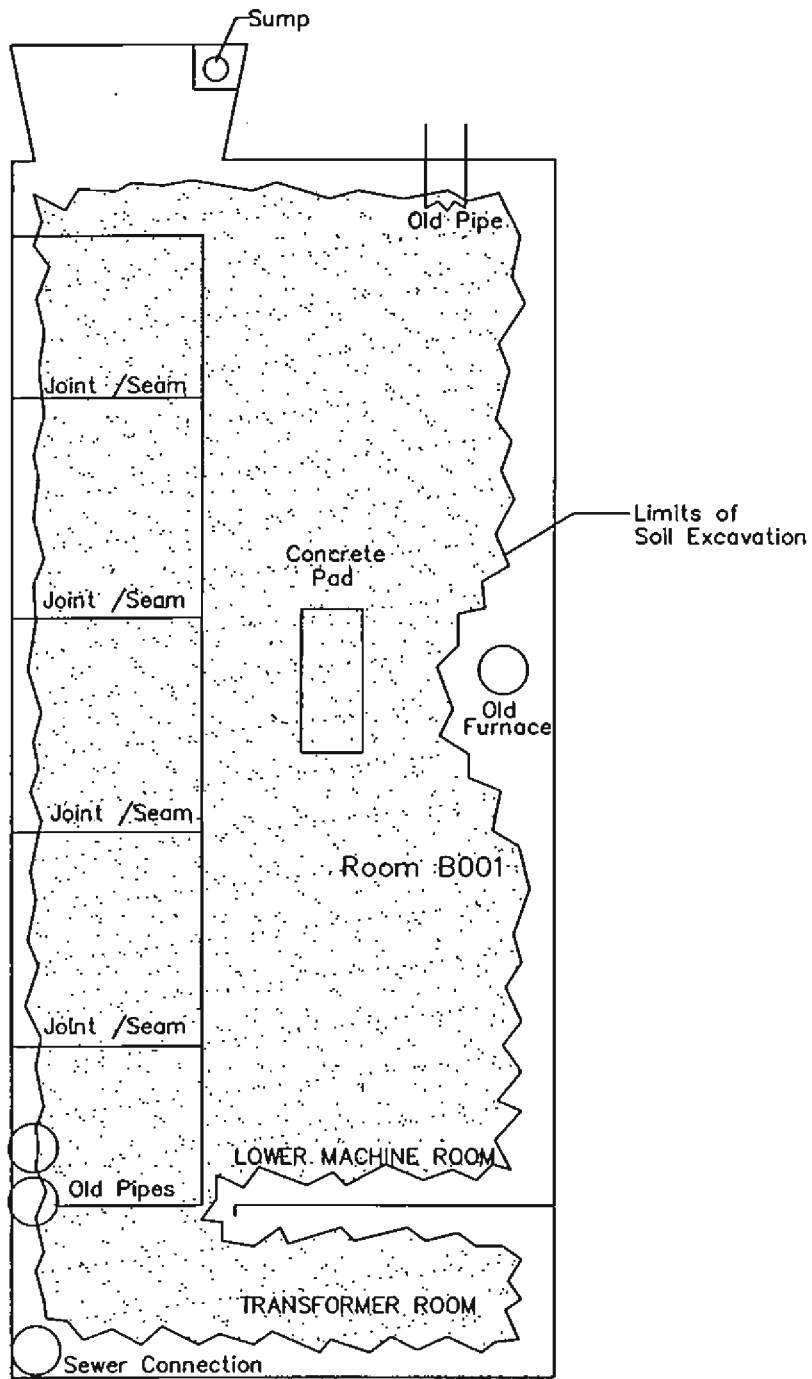
Quadrangle Location
 Base Map: USGS Topographic Map
 Boston South, MA Quadrangle
 Map Printed, 1978; Map Edited, 1987

131-141 Eliot Street
 Milton, Massachusetts

RIZZO ASSOCIATES, INC.

Project Locus Map

Figure
 I



185522A.dwg



Not To Scale

Former Hendries/Hood Company
 131 - 141 Eliot Street
 Milton, Massachusetts

Appendix A
Limitations

Statement of Limitations and Conditions

Attachment to Opinion of Massachusetts Licensed Site Professional

Rizzo Associates, Inc.

Name of Licensed Site Professional:	Robert J. Ankstitus, P.E., L.S.P.
LSP Registration Number:	9556
Date of Opinion:	10/16/98
Client to Whom Opinion was Rendered:	H.P. Hood, Inc.
Date of Agreement between Rizzo Associates and Client pursuant to which Opinion was Rendered:	June 22, 1994
Response Tracking No./Site No.:	3 - 14151

This Statement of Limitations and Conditions is an integral part of, and is incorporated by reference into, the Opinion of Massachusetts Licensed Site Professional referenced above.

Limitations

1. Purpose of Opinion

- A. This Opinion is being provided in compliance with the requirements set forth in the Massachusetts Contingency Plan ("MCP"), 310 CMR 40.0000 et seq. Specifically, the LSP has prepared this Opinion at the request of the Client identified above as part of a Response Action Outcome. This stated purpose has been a significant factor in determining the scope and level of services required to render this Opinion.
- B. Should the purpose for which this Opinion is to be used change, this Opinion shall no longer be valid.

2. General

- A. This Opinion was prepared for the sole and exclusive use of the Client, subject to the provisions of the MCP. No other party is

**Statement of Limitations and Conditions
Attachment to Opinion of
Massachusetts Licensed Site Professional**

entitled to rely in any way on the conclusions, observations, specifications, or data contained herein without the express written consent of Rizzo Associates, Inc. and the LSP who rendered this opinion. Any use of this Opinion by anyone other than Client, or any use of this Opinion by Client or others for any purpose other than the stated purpose set forth above, without the LSP's review and the written authorization of Rizzo Associates, Inc. and the LSP, shall be at the user's sole risk, and neither Rizzo Associates, Inc. nor the LSP shall have any liability or responsibility therefor.

- B. This Opinion was prepared pursuant to an Agreement between Rizzo Associates, Inc. and the Client referenced above which defines the scope of work and sets out agreements regarding waivers of consequential damages, limitations on liability, and other important conditions and restrictions pursuant to which the Opinion is rendered. All uses of the Opinion are subject to and deemed acceptance of the conditions and restrictions contained in such Agreement. A copy of the Agreement or relevant excerpts from the Agreement will be made available upon requests to any authorized person seeking to use the Opinion.

3. Scope of Services

The observations and conclusions described in this Opinion are based solely on the Services provided pursuant to the Agreement with the Client and any approved additional services authorized by Client. Without limitation of any other applicable limitations or conditions, neither Rizzo Associates, Inc. nor the LSP shall be liable for the existence of any condition, the discovery of which would have required the performance of services not authorized under the Agreement. To the best of the knowledge and belief of Rizzo Associates, Inc. and the LSP who signed this Opinion, no inquiry of an attorney-at-law having been made, no laws, regulations, orders, permits or approvals are applicable to the response actions to which this opinion relates except, if and to the extent applicable, M.G.L. c. 21A, Sections 19-19J, 309 CMR, M.G.L. c. 21 E and 310 CMR 40.0000. Accordingly, this opinion is not intended to and does not address compliance with any other laws, regulation, orders, permits or approvals.

4. Changed Circumstances

The passage of time may result in changes in technology, economic conditions or regulatory standards, manifestations of latent conditions, or the occurrence of future events which would render this Opinion inaccurate or otherwise inapplicable. Neither Rizzo Associates, Inc. nor the LSP shall be liable or responsible for the consequences of any such changed circumstances or conditions on the accuracy of this Opinion. In addition, under no circumstances shall the Client nor any other person or entity rely on the information or conclusions contained in this Opinion after six months from its date of submission without the express written consent of Rizzo Associates, Inc. and the LSP. Reliance on the Opinion after such period of time shall be at the user's sole risk.

5. Should Rizzo Associates, Inc. or the LSP be required or requested to review or authorize others to use this Opinion after its date of submission, Rizzo Associates, Inc. shall be entitled to additional compensation at then existing rates or such other terms as may be agreed upon between Rizzo Associates, Inc. and the Client. Nothing herein contained shall be deemed to require Rizzo Associates, Inc. or the LSP to undertake any such review or authorize others to use this Opinion.

6. The conclusions stated in this Opinion are based upon:

- Visual inspection of existing physical conditions;
- Review and interpretation of site history and site usage information which was made available or obtained within the scope of work authorized by the Client;
- Information provided by the Client;
- Information and/or analyses for designated substances or parameters provided by an independent testing service or laboratory on a limited number of samples; and
- A limited number of subsurface explorations made on dates indicated in documentation supporting this Opinion;

upon which the LSP has relied and presumed accurate, and upon which the LSP is entitled to reasonably rely. The LSP was not authorized and did not attempt to independently verify the accuracy or

**Statement of Limitations and Conditions
Attachment to Opinion of
Massachusetts Licensed Site Professional**

completeness of information or materials received from the Client and/or from laboratories and other third parties during the performance of its services. Neither Rizzo Associates, Inc. nor the LSP shall be liable for any condition, information, or conclusion, the discovery of which required information not available to the LSP or for independent investigation of information provided to the LSP by the Client and/or independent third parties.

7. This Opinion is rendered for the limited purpose stated above, and is not and should not be deemed to be an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. No warranty or guarantee, whether express or implied, is made by this opinion, and any implied warranties of merchantability or fitness for a particular purpose are expressly disclaimed. Without limiting the generality of the foregoing, no warranty or guarantee is made that all contamination at a site or sources or contamination has been detected or identified, that any action or recommended action will achieve all of its objectives, or that this Opinion or any action as to which this Opinion relates will be upheld by any audit conducted by the DEP or any other party.

H:\PROJ\MGT\PROJECT\FORMS\LSP_LIMITATIONS.DOC

Appendix B
RAO Statement Transmittal Form



RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADIENT PROPERTY STATUS TRANSMITTAL FORM
Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

3 - 14151

A. SITE OR DOWNGRADIENT PROPERTY LOCATION:

Site Name: (optional) _____
Street: 131-141 Eliot Street Location Aid: _____
City/Town: Milton ZIP Code: 02186

Check here if this Site location is Tier Classified. If a Tier I Permit has been issued, state the Permit Number: _____

Related Release Tracking Numbers that this Form Addresses: _____

Submitting an RAO Statement, you must document the location of the Site or the location and boundaries of the Disposal Site subject to this Statement. If submitting an RAO Statement for a PORTION of a Disposal Site, you must document the location and boundaries for both the portion subject to this submittal and, to the extent defined, the entire Disposal Site. If submitting a Downgradient Property Status Submittal, you must provide a site plan of the property subject to the submittal and, to the extent defined, the Disposal Site.

B. THIS FORM IS BEING USED TO: (check all that apply)

Submit a Response Action Outcome (RAO) Statement (complete Sections A, B, C, D, E, F, H, I, J and L).
 Check here if this is a revised RAO Statement. Date of Prior Submittal: _____
 Check here if any Response Actions remain to be taken to address conditions associated with any of the Releases whose Release Tracking Numbers are listed above. This RAO Statement will record only an RAO-Partial Statement for those Release Tracking Numbers.
Specify Affected Release Tracking Numbers: _____

Submit an optional Phase I Completion Statement supporting an RAO Statement or Downgradient Property Status Submittal (complete Sections A, B, H, I, J, and L).

Submit a Downgradient Property Status Submittal (complete Sections A, B, G, H, I, J and K).

Check here if this is a revised Downgradient Property Status Submittal. Date of Prior Submittal: _____

Submit a Termination of a Downgradient Property Status Submittal (complete Sections A, B, I, J and L).

Submit a Periodic Review Opinion evaluating the status of a Temporary Solution (complete Sections A, B, H, I, J and L).

Specify one: For a Class C RAO For a Waiver Completion Statement indicating a Temporary Solution

Provide Submittal Date of RAO Statement or Waiver Completion Statement: _____

You must attach all supporting documentation required for each use of form indicated, including copies of any Legal Notices and Notices to Public Officials required by 310 CMR 40.1400.

C. DESCRIPTION OF RESPONSE ACTIONS: (check all that apply)

- Assessment and/or Monitoring Only
 - Removal of Contaminated Soils
 - Re-use, Recycling or Treatment
 - On Site Off Site Est. Vol.: _____ cubic yards
 - Describe: 284.29 TONS Contaminated with lube and hydraulic oils.
 - Landfill Cover Disposal Est. Vol.: _____ cubic yards
 - Removal of Drums, Tanks or Containers
 - Describe: _____
 - Removal of Other Contaminated Media
 - Specify Type and Volume: _____
 - Other Response Actions
 - Describe: _____
- Deployment of Absorbant or Contaminant Materials
 - Temporary Covers or Caps
 - Bioremediation
 - Soil Vapor Extraction
 - Structure Venting System
 - Product or NAPL Recovery
 - Groundwater Treatment Systems
 - Air Sparging
 - Temporary Water Supplies
 - Temporary Evacuation or Relocation of Residents
 - Fencing and Sign Posting

SECTION C IS CONTINUED ON THE NEXT PAGE.



RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADE PROPERTY STATUS TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

3 - 14151

C. DESCRIPTION OF RESPONSE ACTIONS: (continued)

Check here if any Response Action(s) that serve as the basis for this RAO Statement involve the use of Innovative Technologies. (DEP is interested in using this information to create an Innovative Technologies Clearinghouse.)

Describe Technologies: _____

D. TRANSPORT OF REMEDIATION WASTE: (if Remediation Waste was sent to an off-site facility, answer the following questions)

Name of Facility: American Reclamation Corp.

Town and State: Charlton, MA

Quantity of Remediation Waste Transported to Date: 284.29 TONS

E. RESPONSE ACTION OUTCOME CLASS:

Specify the Class of Response Action Outcome that applies to the Site or Disposal Site. Select ONLY one Class:

- Class A-1 RAO: Specify one of the following:
 - Contamination has been reduced to background levels.
 - A Threat of Release has been eliminated.
- Class A-2 RAO: You MUST provide justification that reducing contamination to background levels is infeasible.
- Class A-3 RAO: You MUST provide both an implemented Activity and Use Limitation (AUL) and justification that reducing contamination to background levels is infeasible.

If applicable, provide the earlier of the AUL expiration date or date the design life of the remedy will end: _____
- Class B-1 RAO: Specify one of the following:
 - Contamination is consistent with background levels
 - Contamination is NOT consistent with background levels.
- Class B-2 RAO: You MUST provide an implemented AUL.

If applicable, provide the AUL expiration date: _____
- Class C RAO: Check here if you will conduct post-RAO Operation, Maintenance and Monitoring at the Site.

Specify One: Passive Operation and Maintenance Monitoring Only

Active Operation and Maintenance (defined at 310 CMR 40.0006)

F. RESPONSE ACTION OUTCOME INFORMATION:

If an RAO Compliance Fee is required, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment.

Check here if submitting one or more AULs. You must attach an AUL Transmittal Form (BWSC-113) and a copy of each implemented AUL related to this RAO Statement. Specify the type of AUL(s) below. (required for all Class A-3 RAOs and Class B-2 RAOs)

Notice of Activity and Use Limitation Grant of Environmental Restriction Number of AULs attached: _____

Specify the Risk Characterization Method(s) used to achieve the RAO described above and all Soil and Groundwater Categories applicable to the Site.

More than one Soil Category and more than one Groundwater Category may apply at Site.
Be sure to check off all APPLICABLE categories, even if more stringent soil and groundwater standards were met.

Risk Characterization Method(s) Used:	<input checked="" type="checkbox"/> Method 1	<input type="checkbox"/> Method 2	<input type="checkbox"/> Method 3
Soil Category(ies) Applicable:	<input type="checkbox"/> S-1	<input checked="" type="checkbox"/> S-2	<input type="checkbox"/> S-3
Groundwater Category(ies) Applicable:	<input type="checkbox"/> GW-1	<input checked="" type="checkbox"/> GW-2	<input checked="" type="checkbox"/> GW-3

When submitting any Class A-1 RAO or a Class B-1 RAO where contamination is consistent with background levels, do NOT specify a Risk Characterization Method.

When submitting any Class A-2 RAO or a Class B-1 RAO where contamination is NOT consistent with background levels, you cannot use an AUL to maintain a level of no significant risk. Therefore, you must meet S-1 Soil Standards, if using Risk Characterization Method 1.



RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRAIDENT PROPERTY STATUS TRANSMITTAL FORM

Release Tracking Number

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

3 - 14151

G. DOWNGRAIDENT PROPERTY STATUS SUBMITTAL:

- If a Downgradient Property Status Submittal Compliance Fee is required, check here to certify that the fee has been submitted. You MUST attach a photocopy of the payment.
 - Check here if a Release(s) of Oil or Hazardous Material(s), other than that which is the subject of this submittal, has occurred at this property.
Release Tracking Number(s): _____
 - Check here if the Releases identified above require further Response Actions pursuant to 310 CMR 40.0000.
- Required documentation for a Downgradient Property Status Submittal includes, but is not limited to, copies of notices provided to owners and operators of both upgradient and downgradient abutting properties and of any known or suspected source properties.

H. LSP OPINION:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and (iii) the provisions of 309 CMR 4.03(5), to the best of my knowledge, information and belief,

If Section B indicates that a Downgradient Property Status Submittal is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in 310 CMR 40.0183(2)(b), and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

If Section B indicates that either an RAO Statement, Phase I Completion Statement and/or Periodic Review Opinion is being provided, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

Name: Robert J. Ankstytus LSP #: 9556 Stamp: _____
 Telephone: (508) 903-2415 Ext.: _____
 FAX: (optional) _____
 Signature: [Handwritten Signature]
 Date: 11/16/98



I. PERSON MAKING SUBMITTAL:

Name of Organization: H. P. Hood, Inc
 Name of Contact: Mr. Gary Musial Title: Vice President
 Street: 90 Everett Avenue
 City/Town: Chelsea State: MA ZIP Code: 02150-2337
 Telephone: 617-887-3000 Ext.: _____ FAX: (optional) _____

I. RELATIONSHIP TO SITE OF PERSON MAKING SUBMITTAL: (check one)

- RP or PRP Specify: Owner Operator Generator Transporter Other RP or PRP: Former Operator
- Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
- Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
- Any Other Person Submitting This Form Specify Relationship: _____



**RESPONSE ACTION OUTCOME (RAO) STATEMENT &
DOWNGRADE PROPERTY STATUS TRANSMITTAL FORM**

Pursuant to 310 CMR 40.0180 (Subpart B), 40.0580 (Subpart E) & 40.1056 (Subpart J)

Release Tracking Number

3 - 14151

K. CERTIFICATION OF PERSON SUBMITTING DOWNGRADE PROPERTY STATUS SUBMITTAL:

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form; (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge, information and belief, true, accurate and complete; (iii) that, to the best of my knowledge, information and belief, I/the person(s) or entity(ies) on whose behalf this submittal is made satisfy(ies) the criteria in 310 CMR 40.0183(2); (iv) that I/the person(s) or entity(ies) on whose behalf this submittal is made have provided notice in accordance with 310 CMR 40.0183(5); and (v) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is/are aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: _____ Title: _____
(signature)

For: _____ Date: _____
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street: _____

City/Town: _____ State: _____ ZIP Code: _____

Telephone: _____ Ext.: _____ FAX: (optional) _____

L. CERTIFICATION OF PERSON MAKING SUBMITTAL:

If you are completing only a Downgrade Property Status Submittal, you do not need to complete this section of the form.

I, Gary Musial, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

By: Gary Musial Title: Vice President
(signature)

For: H. P. Hood, INC. Date: 11/20/98
(print name of person or entity recorded in Section I)

Enter address of the person providing certification, if different from address recorded in Section I:

Street: _____

City/Town: _____ State: _____ ZIP Code: _____

Telephone: _____ Ext.: _____ FAX: (optional) _____

YOU MUST COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE, AND YOU MAY INCUR ADDITIONAL COMPLIANCE FEES.

Appendix C
Laboratory Certificates



R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

Rizzo Associates, Inc.
Attn: Mr. Felix Perriello
235 West Central Street
Natick, MA 01760

Date Received: 9/10/98
Date Reported: 9/10/98
P.O. #:
Work Order #: 9809-07171

DESCRIPTION: FOUR SOIL SAMPLES

Subject sample(s) has/have been analyzed by our laboratory with the attached results.

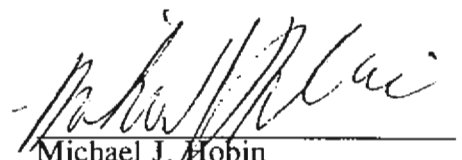
Reference: All parameters were analyzed by U.S. EPA approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:


James B. Mitchell
Vice President

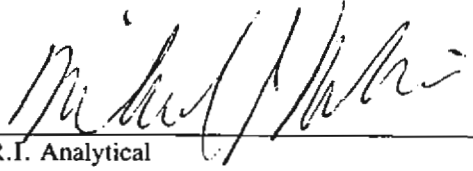
enc: Chain of Custody


Michael J. Hobin
Quality Control Coordinator

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Rizzo Associates, Inc.
 Date Received: 9/10/98
 Work Order # 9809-07171

Approved by: 
 R.I. Analytical

Sample #: 001

SAMPLE DESCRIPTION: NORTH SIDEWALL 4' COMPOSITE 05/18/98 @1030

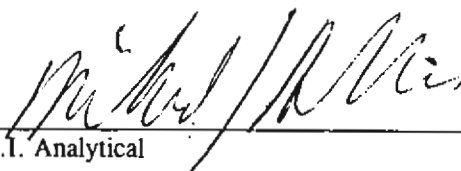
PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	ANALYZED DATE/TIME	ANALYST
EPH/PAH						
C9-C18 Aliphatics	29	0.5	mg/kg dry	MADEP	5/19/98 2:44	JRN
C19-C36 Aliphatics	79	0.5	mg/kg dry	MADEP	5/19/98 2:44	JRN
C11-C22 Aromatics	26	0.5	mg/kg dry	MADEP	5/19/98 2:44	JRN
Total EPH	134	1.5	mg/kg dry	MADEP	5/19/98 2:44	JRN
TARGET PAH ANALYTES					5/19/98 2:44	JRN
Naphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
2-Methylnaphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Acenaphthylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Acenaphthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Fluorene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Phenanthrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Benzo(a)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Chrysene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Benzo(b)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Benzo(k)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Benzo(a)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Indeno(1,2,3-cd)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Dibenzo(a,h)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
Benzo(g,h,i)perylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 2:44	JRN
MOISTURE	7		%	SM4500-F B,D	5/19/98 2:44	JRN
SURROGATES			RANGE		5/19/98 2:44	JRN
Chloro-octadecane	89		40-140%	MADEP	5/19/98 2:44	JRN
Ortho-terphenyl	92		40-140%	MADEP	5/19/98 2:44	JRN
FRACTIONATION SURROGATES			RANGE		5/19/98 2:44	JRN
2-Fluorobiphenyl	95		40-140%	MADEP	5/19/98 2:44	JRN
2-Bromonaphthalene	57		40-140%	MADEP	5/19/98 2:44	JRN

All QA/QC procedures required by the EPH Method were followed.
 All Performance/Acceptance Standards for the required QA/QC procedures were achieved or otherwise stated.
 No significant modifications were made to the EPH Method.

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Rizzo Associates, Inc.
 Date Received: 9/10/98
 Work Order # 9809-07171

Approved by: 
 R.I. Analytical

Sample #: 002

SAMPLE DESCRIPTION: SOUTH SIDEWALL 4' COMPOSITE 05/18/98 @1030

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	ANALYZED DATE/TIME	ANALYST
EPH/PAH						
C9-C18 Aliphatics	190	0.5	mg/kg dry	MADEP	5/19/98 3:26	JRN
C19-C36 Aliphatics	720	0.5	mg/kg dry	MADEP	5/19/98 3:26	JRN
C11-C22 Aromatics	210	0.5	mg/kg dry	MADEP	5/19/98 3:26	JRN
Total EPH	1120	1.5	mg/kg dry	MADEP	5/19/98 3:26	JRN
TARGET PAH ANALYTES					5/19/98 3:26	JRN
Naphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
2-Methylnaphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Acenaphthylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Acenaphthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Fluorene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Phenanthrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Benzo(a)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Chrysene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Benzo(b)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Benzo(k)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Benzo(a)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Indeno(1,2,3-cd)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Dibenzo(a,h)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
Benzo(g,h,i)perylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 3:26	JRN
MOISTURE	8		%	SM4500-F B,D	5/19/98 3:26	JRN
SURROGATES			RANGE		5/19/98 3:26	JRN
Chloro-octadecane	91		40-140%	MADEP	5/19/98 3:26	JRN
Ortho-terphenyl	101		40-140%	MADEP	5/19/98 3:26	JRN
FRACTIONATION SURROGATES			RANGE		5/19/98 3:26	JRN
2-Fluorobiphenyl	95		40-140%	MADEP	5/19/98 3:26	JRN
2-Bromonaphthalene	61		40-140%	MADEP	5/19/98 3:26	JRN

All QA/QC procedures required by the EPH Method were followed.

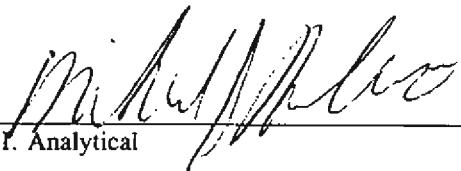
All Performance/Acceptance Standards for the required QA/QC procedures were achieved or otherwise stated.

No significant modifications were made to the EPH Method.

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Rizzo Associates, Inc.
 Date Received: 9/10/98
 Work Order # 9809-07171

Approved by: 
 R.I. Analytical

Sample #: 003

SAMPLE DESCRIPTION: EAST SIDEWALL 4' COMPOSITE 05/18/98 @1030

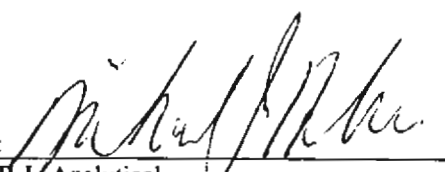
PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	ANALYZED DATE/TIME	ANALYST
EPH/PAH						
C9-C18 Aliphatics	36	0.5	mg/kg dry	MADEP	5/19/98 4:08	JRN
C19-C36 Aliphatics	130	0.5	mg/kg dry	MADEP	5/19/98 4:08	JRN
C11-C22 Aromatics	44	0.5	mg/kg dry	MADEP	5/19/98 4:08	JRN
Total EPH	210	1.5	mg/kg dry	MADEP	5/19/98 4:08	JRN
TARGET PAH ANALYTES					5/19/98 4:08	JRN
Naphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
2-Methylnaphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Acenaphthylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Acenaphthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Fluorene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Phenanthrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Benzo(a)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Chrysene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Benzo(b)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Benzo(k)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Benzo(a)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Indeno(1,2,3-cd)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Dibenzo(a,h)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
Benzo(g,h,i)perylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:08	JRN
MOISTURE	7		%	SM4500-F B,D	5/19/98 4:08	JRN
SURROGATES			RANGE		5/19/98 4:08	JRN
Chloro-octadecane	90		40-140%	MADEP	5/19/98 4:08	JRN
Ortho-terphenyl	97		40-140%	MADEP	5/19/98 4:08	JRN
FRACTIONATION SURROGATES			RANGE		5/19/98 4:08	JRN
2-Fluorobiphenyl	95		40-140%	MADEP	5/19/98 4:08	JRN
2-Bromonaphthalene	52		40-140%	MADEP	5/19/98 4:08	JRN

All QA/QC procedures required by the EPH Method were followed.
 All Performance/Acceptance Standards for the required QA/QC
 procedures were achieved or otherwise stated.
 No significant modifications were made to the EPH Method.

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Rizzo Associates, Inc.
 Date Received: 9/10/98
 Work Order # 9809-07171

Approved by: 
 R.I. Analytical

Sample #: 004

SAMPLE DESCRIPTION: WEST SIDEWALL 4' COMPOSITE 05/18/98 @1030

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	ANALYZED DATE/TIME	ANALYST
EPH/PAH						
C9-C18 Aliphatics	20	0.5	mg/kg dry	MADEP	5/19/98 4:49	JRN
C19-C36 Aliphatics	50	0.5	mg/kg dry	MADEP	5/19/98 4:49	JRN
C11-C22 Aromatics	18	0.5	mg/kg dry	MADEP	5/19/98 4:49	JRN
Total EPH	88	1.5	mg/kg dry	MADEP	5/19/98 4:49	JRN
TARGET PAH ANALYTES					5/19/98 4:49	JRN
Naphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
2-Methylnaphthalene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Acenaphthylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Acenaphthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Fluorene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Phenanthrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Benzo(a)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Chrysene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Benzo(b)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Benzo(k)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Benzo(a)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Indeno(1,2,3-cd)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Dibenzo(a,h)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
Benzo(g,h,i)perylene	<0.4	0.4	mg/kg dry	MADEP	5/19/98 4:49	JRN
MOISTURE	12		%	SM4500-F B,D	5/19/98 4:49	JRN
SURROGATES			RANGE		5/19/98 4:49	JRN
Chloro-octadecane	83		40-140%	MADEP	5/19/98 4:49	JRN
Ortho-terphenyl	96		40-140%	MADEP	5/19/98 4:49	JRN
FRACTIONATION SURROGATES			RANGE		5/19/98 4:49	JRN
2-Fluorobiphenyl	100		40-140%	MADEP	5/19/98 4:49	JRN
2-Bromonaphthalene	53		40-140%	MADEP	5/19/98 4:49	JRN

All QA/QC procedures required by the EPH Method were followed.
 All Performance/Acceptance Standards for the required QA/QC
 procedures were achieved or otherwise stated.
 No significant modifications were made to the EPH Method.

R. ANALYTICAL LABORATORIES, INC.
 41 Illinois Avenue · Warwick, Rhode Island 02888
 (401) 737-8500 Fax (401) 738-1970

Date Collected	Time Collected	Sample ID	Sample Type
5/18/98	10:30	North Sidewalk 4'	Soil Composite
	10:35	South Sidewalk 4'	
	10:40	EAST Sidewalk 4'	
	10:45	West Sidewalk 4'	

Analysis Required

Remarks

Carbon Ranges
 Only NO PAHs

Total Numbers of Cont.

Company Name: RIZZO Associates P.O. #

Address: 235 West Central St

City / State / Zip: Natick MA 01760

Phone / Fax: 508-651-3401 FAX 508-651-1189

Contact: Felix Perriello

Collected by: Felix Perriello

Turn Around Time: Normal

Rush 24-HR

Comments:

Please fax results to Felix Perriello

Thank you!

Relinquished by: [Signature] Date / Time: 5/18/98 11:10
 Relinquished by: [Signature] Date / Time: 5/18/98 12:45
 Relinquished by: [Signature] Date / Time: [Signature]

RIAL: 915-7171

- Pick-Up Only

- Sampled _____ Hours

Shipped on Ice

9809-07171 001

R. I. Analytical
Phone (401) 737-8500

Rizzo Associates, Inc.
Project:

Date Sampled: 5/18/98
Time Sampled: 10:45

ID:

ZZ-LABEL



Preservative:
none

11



R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

Rizzo Associates, Inc.
Attn: Mr. Felix Perriello
235 West Central Street
Natick, MA 01760

Date Received: 9/10/98
Date Reported: 9/10/98
P.O. #:
Work Order #: 9809-07170

DESCRIPTION: ONE SOIL SAMPLE

Subject sample(s) has/have been analyzed by our laboratory with the attached results.

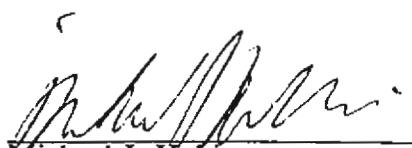
Reference: All parameters were analyzed by U.S. EPA approved methodologies. The specific methodologies are listed in the methods column of the Certificate Of Analysis

If you have any questions regarding this work, or if we may be of further assistance, please contact us.

Approved by:


James E. Velez
Vice President

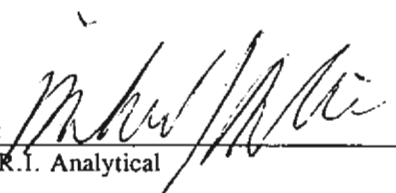
enc. Chain of Custody


Michael J. Hobin
Quality Control Coordinator

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

Rizzo Associates, Inc.
 Date Received: 9/10/98
 Work Order # 9809-07170

Approved by: 
 R.I. Analytical

Sample #: 001
 SAMPLE DESCRIPTION: SOUTH SIDEWALL 4' 05/20/98 @1053

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	ANALYZED DATE/TIME	ANALYST
EPH/PAH						
C9-C18 Aliphatics	260	0.5	mg/kg dry	MADEP	5/22/98 5:59	JRN
C19-C36 Aliphatics	210	0.5	mg/kg dry	MADEP	5/22/98 5:59	JRN
C11-C22 Aromatics	120	0.5	mg/kg dry	MADEP	5/22/98 5:59	JRN
Total EPH	590	1.5	mg/kg dry	MADEP	5/22/98 5:59	JRN
TARGET PAH ANALYTES					5/22/98 5:59	JRN
Naphthalene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
2-Methylnaphthalene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Acenaphthylene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Acenaphthene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Fluorene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Phenanthrene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Anthracene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Pyrene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Benzo(a)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Chrysene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Benzo(b)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Benzo(k)fluoranthene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Benzo(a)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Indeno(1,2,3-cd)pyrene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Dibenzo(a,h)anthracene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
Benzo(g,h,i)perylene	<0.4	0.4	mg/kg dry	MADEP	5/22/98 5:59	JRN
MOISTURE	5		%	SM4500-F B,D	5/22/98 5:59	JRN
SURROGATES			RANGE		5/22/98 5:59	JRN
Chloro-octadecane	99		40-140%	MADEP	5/22/98 5:59	JRN
Ortho-terphenyl	96		40-140%	MADEP	5/22/98 5:59	JRN
FRACTIONATION SURROGATES			RANGE		5/22/98 5:59	JRN
2-Fluorobiphenyl	82		40-140%	MADEP	5/22/98 5:59	JRN
2-Bromonaphthalene	55		40-140%	MADEP	5/22/98 5:59	JRN

All QA/QC procedures required by the EPH Method were followed.
 All Performance/Acceptance Standards for the required QA/QC
 procedures were achieved or otherwise stated.
 No significant modifications were made to the EPH Method.

R. I. ANALYTICAL LABORATORIES, INC.

41 Illinois Avenue - Warwick, Rhode Island 02888
(401) 737-8500 Fax (401) 738-1970

Date Collected	Time Collected	Sample ID	Sample Type
5/20/98	10:53 AM	South Sidewalk 4'	Soil

Analysis Required

Remarks	Continuation
EPH Carbon ranges only NO PATHS.	1

Total Numbers of Cont. **3724 7170**

Company Name: **Rizzo Associates** P.O.#

Address: **239 West Central St.**

City/State/Zip: **Natick, MA 01760**

Phone/Fax: **508-651-3401 508-651-1181**

Contact: **Felix Perivello**

Relinquished by: *[Signature]* Date/Time: **5/20/98 12:00** Received by: **Charles Malone**

Relinquished by: **Charles Malone** Date/Time: **5/20/98 10:15** Received by: *[Signature]*

Relinquished by: _____ Date/Time: _____ Received by: _____

Collected by: Felix Perivello

Turn Around Time: Normal Rush 24-HR

Comments: FAX results to Felix Perivello.

- Pick-Up Only
 - Sampled _____ Hours
 - Shipped on Ice

9809-07170 001

P. I. Analytical
Phone (401) 737-8500

Rizzo Associates, Inc.

Project:

Date Sampled: 5/20/98

Time Sampled: 18:53

ID:

ZZ-LABEL



Preservative:
none

11

Appendix D
GIS Map

MA DEP - Bureau of Waste Site Cleanup

Site Scoring Map: 500 feet & 0.5 Mile Radii

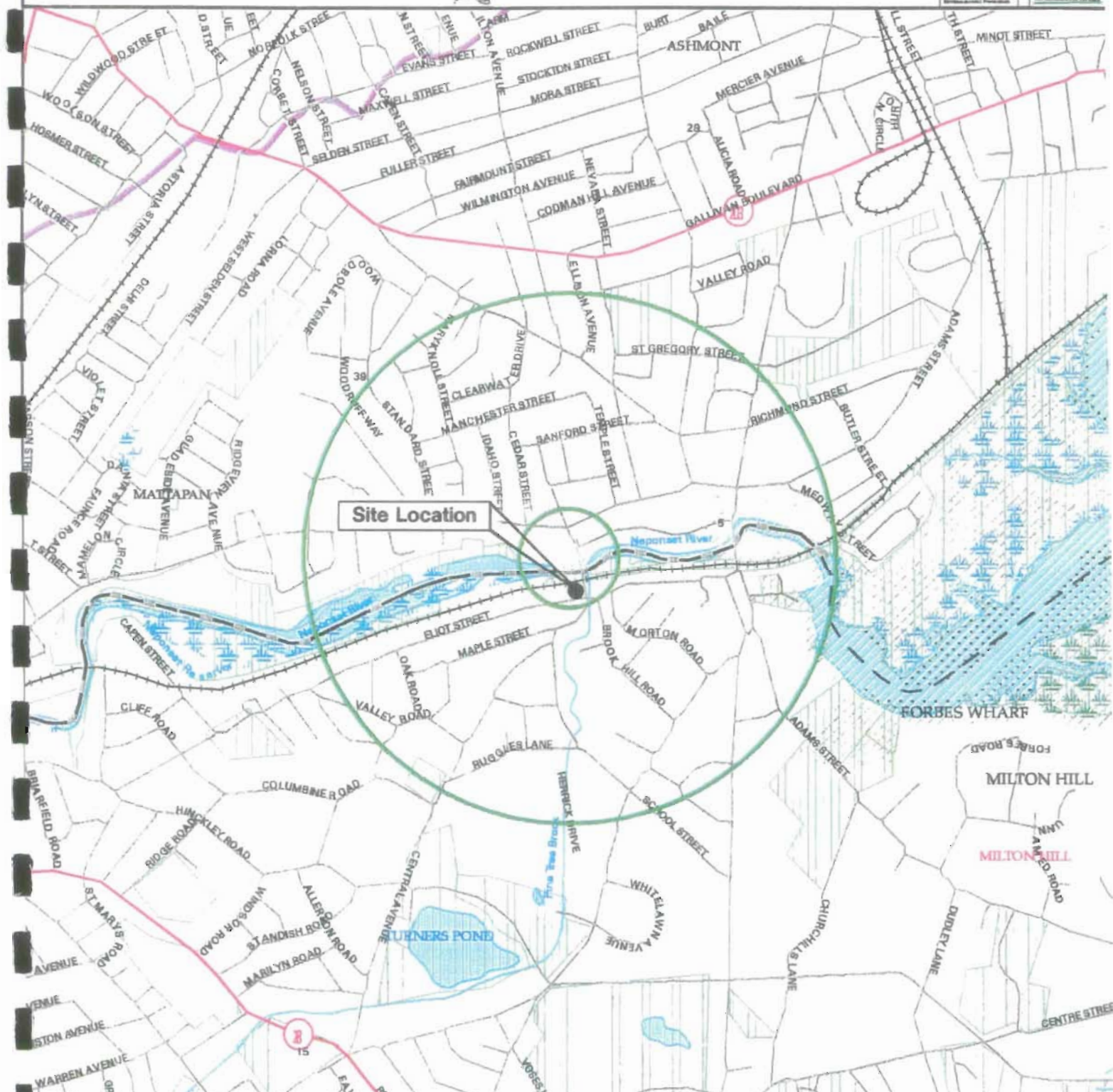
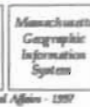
SITE NAME:

131-141 Eliot Street
Milton, MA
4681680n 328950ew



Site Location

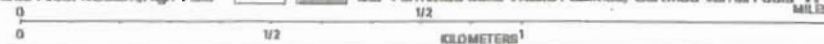
The information shown on this map is the best available at the date of printing. Please refer to the data source descriptions document.



- | | | |
|---|--|--|
| Roads: Interstate, US, State, Street, Trail | EPA Designated Soils Source Aquifer | Public Water Supplies: Ground, Surface, Non Community |
| Boundaries: Municipal, County, DEP Region | Approved Zone 2; IWFA | Hydrography: Water Features, Public Surface Water Supply |
| Train; Powerline; Pipeline | Wetlands: Fresh, Salt, N-HESP Wetlands Habitat | Protected Open Space; ACEC |
| Drainage Basins: Major, Sub | Potentially Productive Aquifers: Medium Yield, High Yield | DEP Permitted Solid Waste Facilities; Certified Vernal Pools |
| Streams: Perennial, Intermittent, Aqueduct | Non-Potential Drinking Water Source Area: Medium, High Yield | |



SCALE 1:15000



April 29, 1997

Appendix E
Public Notifications

RIZZO ASSOCIATES, INC.

ENGINEERS AND ENVIRONMENTAL SCIENTISTS

AN EMPLOYEE-OWNED COMPANY.

235 West Central Street, Natick, MA 01760-3755 (508) 903-2000 FAX (508) 903-2001

November 16, 1998

Katherine Haynes-Dunphy, Chairman
Board of Selectman
Town Hall
90 Governor Stoughton Lane
Milton, MA 02186


**Re: Response Action Outcome
Former Hendries Facility
131-141 Eliot Street
RTN 3-14151**

Dear Ms. Haynes-Dunphy

On behalf of H.P. Hood, inc. (HOOD), Rizzo Associates is providing notification that HOOD has submitted a Response Action Outcome Statement to the Massachusetts Department of Environmental Protection (DEP), Northeast Regional Office located in Wilmington, MA for the above-referenced Site. The documents will be available for review at the DEP office under RTN 3-14151.

Please call me if you have any questions.

Very truly yours,



Felix A. Perriello, CHMM, CPSS, CPG
Senior Project Scientist/Soil Microbiologist

cc: Charles LeRay, Goodwin, Proctor & Hoar
Steve Kaneb, Catamount
Marc Ganek, H.P. Hood, Inc.

RIZZO ASSOCIATES, INC.

ENGINEERS AND ENVIRONMENTAL SCIENTISTS

AN EMPLOYEE-OWNED COMPANY

235 West Central Street, Natick, MA 01760-3755 (508) 903-2000 FAX (508) 903-2001

November 16, 1998

Ms. Kathleen MacZarish
Milton Board of Health
525 Canton Avenue
Milton, MA 02186

**Re: Response Action Outcome
Former Hendries Facility
131-141 Eliot Street
RTN 3-14151**

Dear Ms. MacZarish

On behalf of H.P. Hood, inc. (HOOD), Rizzo Associates is providing notification that HOOD has submitted a Response Action Outcome Statement to the Massachusetts Department of Environmental Protection (DEP), Northeast Regional Office located in Wilmington, MA for the above-referenced Site. The documents will be available for review at the DEP office under RTN 3-14151.

Please call me if you have any questions.

Very truly yours,



Felix A. Perriello, CHMM, CPSS, CPG
Senior Project Scientist/Soil Microbiologist

cc: Charles LeRay, Goodwin, Proctor & Hoar
Steve Kaneb, Catamount
Marc Ganek, H.P. Hood, Inc.

1855\1855-51\NOT.FAP

Appendix F
Bill of Lading/Manifests



3-14151

BILL OF LADING (pursuant to 310 CMR 40.0030)

A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:

Release Name (optional): _____
 Street: 131-141 Eliot Street Location Aid: _____
 City/Town: Milton Zip Code: 02186 - _____
 Date/Period of Generation: 4/13/98 to 5/12/98
 Additional Release Tracking Numbers Associated with this Bill of Lading: _____

*Note: If this Bill of Lading is the result of a Limited Removal Action (LRA) taken prior to Notification, a Release Tracking Number is not needed.

B. PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

Name of Organization: H.P. Hood, INC Title: vice president
 Name of Contact: Gary Musial
 Street: 90 Everett Avenue
 City/Town: Chelsea State: MA Zip Code: 02150 - 2337
 Telephone: 617-887-3000 Ext. _____

C. RELATIONSHIP TO RELEASE OR THREAT OF RELEASE OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH BILL OF LADING:

(check one/specify)
 RP Specify (circle one): Owner Operator Generator Transporter Other RP: _____
 PRP Specify (circle one): Owner Operator Generator Transporter Other PRP: _____
 Fiduciary/Secured Lender
 Agency/Public Utility on a Right of Way
 Other Person: Former Operator of Facility

If an owner and/or operator is not conducting the response action associated with the Bill of Lading, provide on an attachment the name, contact person, address and telephone number, including any area code and extension, for each, if known.

D. TRANSPORTER/Common CARRIER INFORMATION:

Transporter/Common Carrier Name: Logano Trucking
 Contact Person: William Torello Title: Manager
 Street: P.O. Box 186, 209 Pickering Street
 City/Town: Portland, ME State: CT Zip Code: 06480 - _____
 Telephone: 500-290-2999 Ext. _____

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:

Operator/Facility Name: American Reclamation Corp
 Contact Person: Bill MacCambridge Title: Manager
 Street: 130 Route 120
 City/Town: Charlton, MA State: MA Zip Code: 01508 - _____
 Telephone: 508-248-3777 Ext. _____

Type of Facility: (check one)
 Asphalt Batch/Cold Mix Landfill/Disposal Incinerator
 Asphalt Batch/Hot Mix Landfill/Daily Cover Temporary Storage
 Thermal Processing Landfill/Structural Fill Other: _____

Division of Hazardous Waste/Class A Permit #: 0144-91 Division of Solid Waste Management Permit #: _____ EPA Identification #: MAD 982201055

Actual/Anticipated Period of Temporary Storage (specify dates if applicable): 1/1 to 1/1

Reason for Temporary Storage (if applicable): _____



Release Tracking Number:

3-14151

BILL OF LADING (pursuant to 310 CMR 40.0030)

E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION (continued):

Temporary Storage Address:

Street: _____

City/Town: _____ State: _____ Zip Code: _____

F. DESCRIPTION OF REMEDIATION WASTE:

(check all that apply)

Contaminated Media (circle all that apply): Soil Groundwater Surface Water Other: _____

Contaminated Debris (circle all that apply): Demolition/Construction Waste Vegetation/Organic Materials
Inorganic Absorbant Materials Other: Concrete / Demolition materials

Non-hazardous Uncontainerized Waste (circle all that apply): Non-aqueous Phase Liquid Other: _____

Non-hazardous Containerized Waste (circle all that apply): Tank Bottoms/Sludges Containers Drums
Engineered Impoundments Other: _____

Type of Contamination (circle all that apply): Gasoline Diesel Fuel #2 Oil #4 Oil #6 Oil Waste Oil
Kerosene Jet Fuel Other: Lube and Hydraulic Oil

Estimated Volume of Materials: Cubic Yards: 400 - soil Tons: _____ Other: _____
40 - concrete

Contaminant Source (check one/specify): Transportation Accident Underground Storage Tank Other: operation of former plant machinery

Response Action Associated with Bill of Lading (circle one): Immediate Response Action Release Abatement Measure
Utility-Related Abatement Measure Limited Removal Action (LRA) Comprehensive Response Action
Other (specify): _____

Remediation Waste Characterization Support Documentation attached:

Site History Information Sampling and Analytical Methods and Procedures Laboratory Data Field Screening Data

If supporting documentation is not appended, provide an attachment stating the date and in connection with what document such information was previously submitted to DEP.

G. LICENSED SITE PROFESSIONAL (LSP) OPINION:

Name of Organization: Rizzo Associates, INC

LSP Name: Robert J. Ankstius

Telephone: 508-651-3401 Ex 2415

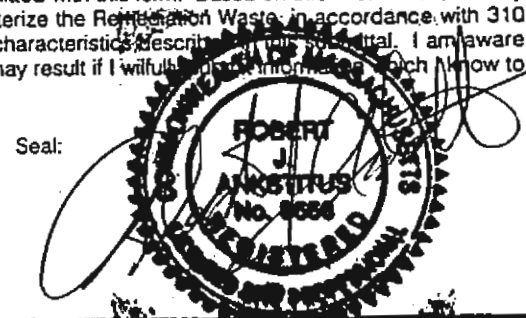
Title: Sr. Proj. Mgr

I have personally examined and am familiar with the information contained on and submitted with this form. Based on this information, it is my Opinion that the testing and assessment actions undertaken were adequate to characterize the Remediation Waste, in accordance with 310 CMR 40.0030, and that the facility or location can accept remediation wastes with the characteristics described on this Bill of Lading. I am aware that significant penalties including, but not limited to, possible fines and imprisonment may result if I willfully submit information which I know to be false, inaccurate, or materially incomplete.

Signature: [Handwritten Signature]

Date: 4/15/98

License Number: 9556



H. CERTIFICATION OF PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature: [Handwritten Signature]

Name of Person (print): Gary Musini

Date: 4/15/98



Release Tracking Number:

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET / 1 OF

3 - 14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [Signature]

Receiving Facility/Temporary Storage Representative: AMREC AD

Date of Shipment: 4/17/98 Time of Shipment: 8:00 (circle one) am/pm

Date of Receipt: 4/17/98 Time of Receipt: 9:25 (circle one) am/pm

Truck/Tractor Registration: L-1 10782-A CT Trailer Registration (if any):

Load Size (cu. yds./tons): 15.06

LOAD 2: Signature of Transporter Representative: [Signature]

Receiving Facility/Temporary Storage Representative: AMREC AD

Date of Shipment: 4/17/98 Time of Shipment: 11:20 (circle one) am/pm

Date of Receipt: 4/17/98 Time of Receipt: 12:50 (circle one) am/pm

Truck/Tractor Registration: L-1 10782-A CT Trailer Registration (if any):

Load Size (cu. yds./tons): 13.52

LOAD 3: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Receiving Facility/Temporary Storage Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 28.58

Total Carried Forward (cu. yds./tons):

Total Carried Forward and This Page (cu. yds./tons): 28.58

Donad P98-04-12



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF

Release Tracking Number:

3-14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

[Signature]

Date of Shipment: 4/21/98 Time of Shipment: 6:45

(circle one) (am)/pm

Truck/Tractor Registration: 24096A/CS

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec WSM

Date of Receipt: 4/21/98 Time of Receipt: 8:22

(circle one) (am)/pm

Load Size (cu. yds./tons): 17.85

LOAD 2: Signature of Transporter Representative:

[Signature]

Date of Shipment: 4/21/98 Time of Shipment: 10:30

(circle one) (am)/pm

Truck/Tractor Registration: 24096A/CS

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec WSM

Date of Receipt: 4/21/98 Time of Receipt: 11:54

(circle one) (am)/pm

Load Size (cu. yds./tons): 18.72

LOAD 3: Signature of Transporter Representative:

[Signature]

Date of Shipment: 4/21/98 Time of Shipment: 2:10

(circle one) (am)/pm

Truck/Tractor Registration: 24096A/CS

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec WSM

Date of Receipt: 4/21/98 Time of Receipt: 4:00

(circle one) (am)/pm

Load Size (cu. yds./tons): 16.33

LOAD 4: Signature of Transporter Representative:

Date of Shipment: ___/___/___ Time of Shipment: ___:___

(circle one) am/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___/___/___ Time of Receipt: ___:___

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative:

Date of Shipment: ___/___/___ Time of Shipment: ___:___

(circle one) am/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___/___/___ Time of Receipt: ___:___

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative:

Date of Shipment: ___/___/___ Time of Shipment: ___:___

(circle one) am/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___/___/___ Time of Receipt: ___:___

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative:

Date of Shipment: ___/___/___ Time of Shipment: ___:___

(circle one) am/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ___/___/___ Time of Receipt: ___:___

(circle one) am/pm

Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 52.90

Total Carried Forward (cu. yds./tons): _____



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-0128

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF

Release Tracking Number:

3 - 14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Beau JDC Trans

Date of Shipment: 4/22/98 Time of Shipment: 6 :

(circle one) am pm

Truck/Tractor Registration: 22631-A

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec

Date of Receipt: 4/22/98

Time of Receipt: 7 : 59

(circle one) am pm

Load Size (cu. yds./tons): 15.78

LOAD 2: Signature of Transporter Representative:

Beau JDC Trans

Date of Shipment: 4/22/98 Time of Shipment: 10 :

(circle one) am pm

Truck/Tractor Registration: 22631-A

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec

Wsm

Date of Receipt: 4/22/98

Time of Receipt: 11 : 25

(circle one) am pm

Load Size (cu. yds./tons): 14.67

LOAD 3: Signature of Transporter Representative:

Beau JDC Trans

Date of Shipment: 4/22/98 Time of Shipment: 1 : 30

(circle one) am pm

Truck/Tractor Registration: 22631-A

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec

Wsm

Date of Receipt: 4/22/98

Time of Receipt: 2 : 54

(circle one) am pm

Load Size (cu. yds./tons): 15.61

LOAD 4: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 46.06

Total Carried Forward (cu. yds./tons):

Donad P98-04-12



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF 1

Release Tracking Number:

3 - 14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Bewert JDC Trans

Date of Shipment: 4/23/98 Time of Shipment: 5:30

(circle one) am/pm

Truck/Tractor Registration: 22631-A

Trailer Registration (if any): Ø

Receiving Facility/Temporary Storage Representative:

Amrec WSM

Date of Receipt: 4/23/98

Time of Receipt: 7:30

(circle one) am/pm

Load Size (cu. yds./tons): 15.83

LOAD 2: Signature of Transporter Representative:

Bewert JDC Trans

Date of Shipment: 4/23/98 Time of Shipment: 9:45

(circle one) am/pm

Truck/Tractor Registration: 22631-A

Trailer Registration (if any): Ø

Receiving Facility/Temporary Storage Representative:

Amrec WSM

Date of Receipt: 4/23/98

Time of Receipt: 11:11

(circle one) am/pm

Load Size (cu. yds./tons): 15.70

LOAD 3: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec WSM

Date of Receipt: 4/23/98

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 31.53

Total Carried Forward (cu. yds./tons):

Donad P98-04-12



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF

Release Tracking Number:

3-14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

DBewpr JOC Trans

Date of Shipment: Time of Shipment:

4/24/98 6 : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

22631-A 0

Receiving Facility/Temporary Storage Representative:

Amrec Wsm

Date of Receipt: Time of Receipt:

4/24/98 7:33

(circle one) am/pm

Load Size (cu. yds./tons) 16.35

LOAD 2: Signature of Transporter Representative:

DBewpr JOC Trans

Date of Shipment: Time of Shipment:

4/24/98 10:15 (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

22631A 0

Receiving Facility/Temporary Storage Representative:

Amrec Wsm

Date of Receipt: Time of Receipt:

4/24/98 11:25

(circle one) am/pm

Load Size (cu. yds./tons) 15.56

LOAD 3: Signature of Transporter Representative:

Date of Shipment: Time of Shipment:

___/___/___ : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt:

___/___/___ : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: Time of Shipment:

___/___/___ : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt:

___/___/___ : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: Time of Shipment:

___/___/___ : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt:

___/___/___ : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: Time of Shipment:

___/___/___ : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt:

___/___/___ : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: Time of Shipment:

___/___/___ : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: Time of Receipt:

___/___/___ : (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons) 31.91

Total Carried Forward (cu. yds./tons):

Donad P98-04-12



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF

Release Tracking Number:

3-14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Beaver JDC Trans

Date of Shipment: 4/27/98 Time of Shipment: 6:00

(circle one) am/pm

Truck/Tractor Registration: 22631-A CT

Trailer Registration (if any): 0

Receiving Facility/Temporary Storage Representative: Amrec WSM

Date of Receipt: 4/27/98 Time of Receipt: 7:20

(circle one) am/pm

Load Size (cu. yds./tons): 13.14

LOAD 2: Signature of Transporter Representative:

Beaver JDC Trans

Date of Shipment: 4/27/98 Time of Shipment: 9:00

(circle one) am/pm

Truck/Tractor Registration: 22631-A CT

Trailer Registration (if any): 0

Receiving Facility/Temporary Storage Representative: Amrec WSM

Date of Receipt: 4/27/98 Time of Receipt: 11:06

(circle one) am/pm

Load Size (cu. yds./tons): 12.69

LOAD 3: Signature of Transporter Representative:

_____/_____/_____

Date of Shipment: _____ Time of Shipment: _____

(circle one) _____/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

_____/_____/_____

Date of Receipt: _____ Time of Receipt: _____

(circle one) _____/pm

Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative:

_____/_____/_____

Date of Shipment: _____ Time of Shipment: _____

(circle one) _____/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

_____/_____/_____

Date of Receipt: _____ Time of Receipt: _____

(circle one) _____/pm

Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative:

_____/_____/_____

Date of Shipment: _____ Time of Shipment: _____

(circle one) _____/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

_____/_____/_____

Date of Receipt: _____ Time of Receipt: _____

(circle one) _____/pm

Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative:

_____/_____/_____

Date of Shipment: _____ Time of Shipment: _____

(circle one) _____/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

_____/_____/_____

Date of Receipt: _____ Time of Receipt: _____

(circle one) _____/pm

Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative:

_____/_____/_____

Date of Shipment: _____ Time of Shipment: _____

(circle one) _____/pm

Truck/Tractor Registration: _____

Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

_____/_____/_____

Date of Receipt: _____ Time of Receipt: _____

(circle one) _____/pm

Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons):

25.83

Total Carried Forward (cu. yds./tons):

Doncd P980412



Massachusetts Department of Environmental Protection **BWSC-012B**
Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF

Release Tracking Number:

3-1415

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

Shom Tiorob

Date of Shipment: 12/28/98 Time of Shipment: _____

(circle one) am/pm

Truck/Tractor Registration: CT 27041A Trailer Registration (if any): (L-11)

Receiving Facility/Temporary Storage Representative:

Amrec Wsm

Date of Receipt: 4/28/98

Time of Receipt: 10:40

(circle one) am/pm

Load Size (cu. yds./tons): 16.08

LOAD 2: Signature of Transporter Representative:

Date of Shipment: ____/____/____ Time of Shipment: _____

(circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ____/____/____

Time of Receipt: _____

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative:

Date of Shipment: ____/____/____ Time of Shipment: _____

(circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ____/____/____

Time of Receipt: _____

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative:

Date of Shipment: ____/____/____ Time of Shipment: _____

(circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ____/____/____

Time of Receipt: _____

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative:

Date of Shipment: ____/____/____ Time of Shipment: _____

(circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ____/____/____

Time of Receipt: _____

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative:

Date of Shipment: ____/____/____ Time of Shipment: _____

(circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ____/____/____

Time of Receipt: _____

(circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative:

Date of Shipment: ____/____/____ Time of Shipment: _____

(circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative:

Date of Receipt: ____/____/____

Time of Receipt: _____

(circle one) am/pm

Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 16.08

Total Carried Forward (cu. yds./tons): _____

Donad P98-04-17



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF

Release Tracking Number:

3-14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:
4129198 Ken Braden

Date of Shipment: 4/29/98 Time of Shipment: 8:30 (circle one) am/pm

Truck/Tractor Registration: 84591-A-C Trailer Registration (if any): N/A

Receiving Facility/Temporary Storage Representative: Amrec WSM

Date of Receipt: 4/29/98 Time of Receipt: 10:17 (circle one) am/pm

Load Size (cu. yds./tons): 12.95

LOAD 2: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration: Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / / Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 12.95

Total Carried Forward (cu. yds./tons):



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 **OF**

Release Tracking Number:

3 - 14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [Signature]

Date of Shipment: 5/6/98 Time of Shipment: 2:00 (circle one) am/pm (1)

Truck/Tractor Registration: #462 Trailer Registration (if any): OH P4H91P

Receiving Facility/Temporary Storage Representative: Amrec Wsm

Date of Receipt: 5/6/98 Time of Receipt: 3:28 (circle one) am/pm (1)

Load Size (cu. yds./tons): 12.77

LOAD 2: Signature of Transporter Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm _____
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm _____
Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm _____
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm _____
Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm _____
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm _____
Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm _____
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm _____
Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm _____
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm _____
Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____

Date of Shipment: _____ Time of Shipment: _____ (circle one) am/pm _____
Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: _____ Time of Receipt: _____ (circle one) am/pm _____
Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons): 12.77

Total Carried Forward (cu. yds./tons): _____



Massachusetts Department of Environmental Protection **BWSC-012B**
 Bureau of Waste Site Cleanup

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 **OF**

Release Tracking Number:

3-14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

John R. Souza

Date of Shipment: 05/08/98 Time of Shipment: 2:00

(circle one) am/pm

Truck/Tractor Registration:

OHIO P4N91P

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Amrec Wsm

Date of Receipt: 5/8/98

Time of Receipt: 3:49

(circle one) am/pm

Load Size (cu. yds./tons):

6.07

LOAD 2: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: :

(circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: :

(circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu. yds./tons) 6.07

Total Carried Forward (cu. yds./tons):



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012B

BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET _____ **OF** _____

Release Tracking Number:

3 - 14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative:

[Signature]

Date of Shipment: 5/12/98 Time of Shipment: 2:00

(circle one) am/pm

Truck/Tractor Registration: H462

Trailer Registration (if any): QHP4N9P

Receiving Facility/Temporary Storage Representative:

Amrec WSM

Date of Receipt: 5/12/98

Time of Receipt: 3:38

(circle one) am/pm

Load Size (cu. yds./tons):

LOAD 2: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 3: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 4: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 5: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 6: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

LOAD 7: Signature of Transporter Representative:

Date of Shipment: / / Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration:

Trailer Registration (if any):

Receiving Facility/Temporary Storage Representative:

Date of Receipt: / /

Time of Receipt: : (circle one) am/pm

Load Size (cu. yds./tons):

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): 9.21

Total Carried Forward (cu.yds./tons):

Total Carried Forward and This Page(cu.yds./tons):



BILL OF LADING (pursuant to 310 CMR 40.0030)
LOG SHEET 1 OF

Release Tracking Number:

3 - 14151

I. LOAD INFORMATION:

LOAD 1: Signature of Transporter Representative: [Signature]

Date of Shipment: 5/18/98 Time of Shipment: : (circle one) am/pm

Truck/Tractor Registration: R462 Trailer Registration (if any): P4N91P Ovt.

Receiving Facility/Temporary Storage Representative: Amrec WSM

Date of Receipt: 5/18/98 Time of Receipt: 1:37 (circle one) am/pm

Load Size (cu. yds./tons): 10.40

4
6
2

LOAD 2: Signature of Transporter Representative: _____

Date of Shipment: ___/___/___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: ___/___/___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 3: Signature of Transporter Representative: _____

Date of Shipment: ___/___/___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: ___/___/___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 4: Signature of Transporter Representative: _____

Date of Shipment: ___/___/___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: ___/___/___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 5: Signature of Transporter Representative: _____

Date of Shipment: ___/___/___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: ___/___/___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 6: Signature of Transporter Representative: _____

Date of Shipment: ___/___/___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: ___/___/___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons): _____

LOAD 7: Signature of Transporter Representative: _____

Date of Shipment: ___/___/___ Time of Shipment: ___ : ___ (circle one) am/pm

Truck/Tractor Registration: _____ Trailer Registration (if any): _____

Receiving Facility/Temporary Storage Representative: _____

Date of Receipt: ___/___/___ Time of Receipt: ___ : ___ (circle one) am/pm

Load Size (cu. yds./tons): _____

J. LOG SHEET VOLUME INFORMATION:

Total Volume This Page (cu.yds./tons): 10.40

Total Carried Forward (cu.yds./tons): _____

Total Carried Forward and This Page (cu.yds./tons): _____



BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET 1 OF 1

Release Tracking Number:

3 - **14151**

K. SUMMARY OF SHIPMENTS:

DATE OF SHIPMENT:	DATE OF RECEIPT:	NUMBER OF LOADS SHIPPED:	DAILY VOLUME SHIPPED (CU. YDS. ^(TONS))
4-17-98	4-17-98	2	28.58
4-21-98	4-21-98	3	52.90
4-22-98	4-22-98	3	46.06
4-23-98	4-23-98	2	31.53
4-24-98	4-24-98	2	31.91
4-27-98	4-27-98	2	25.83
4-28-98	4-28-98	1	16.08
4-29-98	4-29-98	1	12.95
5-6-98	5-6-98	1	12.77
5-8-98	5-8-98	1	6.07
5-12-98	5-12-98	1	9.21
5-15-98	5-15-98	1	10.40
SUMMARY SHEET TOTAL SHIPPED:		20	284.29
BILL OF LADING TOTAL SHIPPED (only if different):			



Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC-012C

BILL OF LADING (pursuant to 310 CMR 40.0030)
SUMMARY SHEET

Release Tracking Number:

3-14151

L. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE LOCATION:

Receiving Facility/Temporary
Location Representative (print):

W. McCambridge

Title: manager

Signature:

W. McCambridge

Date:

5/5/98

M. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTION ASSOCIATED WITH THIS BILL OF LADING:

I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

Signature:

Gary J. Musial

Date:

11/20/98

Name of Person (print):

Gary Musial

TR 3123

Please print or type. (Form designed for use on 4140 (12-page) typewriter)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **MP6178873000** Manifest Number No. **K 0042**

2. Page 1 of 12. Information in this manifest is not required by Federal law.

3. Generator's Name and Mailing Address: **H.P. Hood Inc. 90 Everett Ave Suite 200 Chelsea, MA 02150**

4. Generator's Phone: **617 877-2000**

5. Generator's City, State, and Zip: **Chelsea, MA 02150**

6. Transporter's Name: **Clean Harbors Env. Services Inc. MA 029322250**

7. Transporter's City, State, and Zip: **Medford, MA 02150**

8. Transporter's Phone: **781 249-1800**

9. Facility Name and Site Address: **Clean Harbors Env. Services Inc. 37 Rumney Rd. Portland, Me. 04106**

10. Facility's EPA ID Number: **ME02980672182**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number): **Petroleum Oil, Combustible Liquid, NM 1270, PFIII**

Container NO.	Type	Quantity	Unit	Weight
01	TT	4634	G	MA 97

12. Handling Codes for Wastes Listed Above: **3012, T34**

13. Special Handling Instructions and Additional Information: **Emergency # 1-800-645-8265**

14. GENERATOR'S CERTIFICATION: I hereby declare that the information on this manifest is true and correct, and that I have selected the practical method of handling, storage, or disposal of this waste in accordance with the requirements of the Resource Conservation and Recovery Act (RCRA) and the regulations promulgated thereunder.

15. Generator's Signature: **Jonathon Norris** (Printed Name) **Jonathon Norris** (Signature) Date: **05/26/98**

16. Transporter's Signature: **Philip Haley** (Printed Name) **Philip Haley** (Signature) Date: **05/26/98**

17. Facility Owner or Operator: **Car Boston** (Printed Name) **[Signature]** (Signature) Date: **05/26/98**

In case of emergency or spill, immediately call us at: 1-800-645-8265

MA K 780042 COPY 1: FACILITY MAILED TO DESTINATION STATE



DIVISION OF HAZARDOUS WASTE MANAGEMENT
One Winter Street, Boston, Massachusetts 02108

VT344

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's USEPA ID#

Manifest Document No.

MP6178873000 57724

Generator's Name and Mailing Address

Mark Gank H. P. Hood Inc.
90 Everett Ave. Suite 2000

Generator's Phone

617-8873000 CHEBEA MA 02150

Transporter 1 Company Name

Clean Harbors Env. Services, Inc. MA0039322250

Transporter 2 Company Name

Generator's Facility Name and Site Address

Clean Harbors Env. Services, Inc.
37 Rummary Rd.
So. Portland, ME.

IMEJ980672192

US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)

Petroleum Oil,
Combustible Liquid, NA120, PG III 001TT 5100 G MA98

Additional Descriptions for Materials Listed Above (see 49 CFR 171.15 and 171.16)

(L) PCOS - N.D. AS - N.D. PB - N.D.
Flash Point - >2000 CD - N.D.
Total Halogens - 250, CR - N.D.

Handling Codes for Wastes Listed Above

Emergency # 1-800-OIL-TANK

588848

Permitted Type Name
Full Permits Agent for MARK GANK AGENT FOR HPCAD, INC.

Rick Lucier

Signature of Rick Lucier

05/18/98
1051/8198

CHRIS MANN

Signature of Chris Mann

MA J 57724 COPY>1: FACILITY MAILS TO DESTINATION STATE

0501-476-8800



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. MP6178873000		Manifest Document No. 55732	
3. Generator's Name and Mailing Address H.P. HOOD, INC. ATTN: MARK GAREK 40 EVERETT AVE. SUITE 2000 CHELSEA, MASS. 02150-2337				A. Page 1 of 1 Information in this manifest must be completed by the generator.	
4. Generator's Phone 617-887-3000		5. Transporter's Company Name CLEAN HARBORS ENV. SERVICES, INC.		A. State Manifest Document Number MAJ 655732	
6. Transporter's US EPA ID Number MA00A322250		7. US EPA ID Number MA00A322250		B. State Gen ID ELLIOT ST. MILTON, MASS.	
8. Designated Facility Name and Site Address CLEAN HARBORS ENV. SERVICES, INC. 37 RUMERY ROAD SO. PORTLAND, MAINE 04106		9. US EPA ID Number ME0900672182		C. Billing Trans. # ME649945	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) PETROLEUM OIL, COMBUSTIBLE LIQUID, NA120, PG11		12. Quantity 001 TT 5267 G		D. Transporter's Phone 781-849-1800	
13. Hazardous Properties for Material's Listed Above (Indicate by check mark and hazard codes) ARSENIC NO. LEAD NO. FLASH >200° F CADMIUM NO. PCB'S NO. CHROMIUM NO. TOTAL HAZARDOUS 350		14. Handling Codes for Waste(s) Listed Above a. 3102 b. T314		E. State Facility ID NOT REPORTED	
15. Special Handling Instructions and Additional Information ERG #27 EMERGENCY CONTACT: 1-800-645-8265 JOB# SB8848		16. Date of Manifest 05/18/98		17. Date of Receipt 05/18/98	
18. Signature and Title of Generator's Representative Felix Pennell Agent for MARK GAREK AGENT FOR HP HOOD, INC.		19. Signature and Title of Transporter's Representative ROGER REHS		20. Date of Receipt 05/18/98	
21. Signature and Title of Facility's Representative Carl Boston		22. Date of Receipt 05/18/98		23. Date of Receipt 05/18/98	

617-259-5216 FAX 617-259-5217

MA 655732 (COPY 1) FACILITY MAINTS TO DESTINATION

Please print or type. Form designed to be filled out by hand or computer.

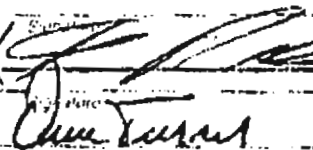
UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. MP6178873000	Manifest Document No. 49190	2. Page 1 of 1		Information in the blank blocks is not required by Federal law.
3. Generator's Name and Mailing Address MR: MARK GAREK H.P. HOOD INC 90 EVERETT AVE SUITE 2000 CHELSEA MA 02150-2337				A. State Manifest Document Number MAJ 649190	D. State Gen. ID: ELOT ST	
4. Generator's Phone: (617) 887 3000		6. US EPA ID Number MA0025322250		C. State Trans. ID ME 614139		
5. Transporter 1 Company Name CLEAN HARBORS ENV SERVICES INC.		8. US EPA ID Number		D. Transporter's Phone: (207) 849 1000		
7. Transporter 2 Company Name		10. US EPA ID Number		E. State Trans. ID		
9. Designated Facility Name and Site Address CLEAN HARBORS ENV SERVICES INC 37 RUMERY ROAD SOUTH PORTLAND ME				F. Transporter's Phone ()		
				G. State Facility ID: NOT REQUIRED		
				H. Facility's Phone: (207) 772 3000		

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Local	14. Unit	Waste No.
	NO.	Type	Country	Wt/Vol	
Petroleum Oil, Combustible liquid, NAR20, P611	01	TT	05200	0	MA9B

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)	K. Handling Codes for Wastes Listed Above
(L)	S102
	P34

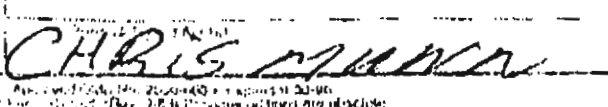
Parameters Attached emergency contact 1800 645 8265

DISCLAIMER OF LIABILITY: I hereby declare that the contents of this CR represent the true and accurate description of the hazardous waste listed above, by proper shipping name, hazard class, ID number, and amount, and are in accordance with the applicable regulatory requirements. I understand that this information is required for the proper handling, storage, and disposal of the waste.

17. Transporter 1 Acknowledgment of Receipt of Materials Name/Type of Name: DAVE TURNER	Signature: 	Date: 05/15/98
18. Transporter 2 Acknowledgment of Receipt of Materials Name/Type of Name:	Signature:	Date:

19. Designated Facility Name and Address

20. Facility's Name and Address

Signature:  Date: **05/15/98**

COPY>1: FACILITY MAINTS TO DESTINATION STATE

MA 649190 COPY 1: FACILITY MAINTS TO DESTINATION STATE



UNIFORM HAZARDOUS WASTE MANIFEST

Generator Name and Mailing Address: H.P. HOOD Inc. 90 BUCKETT AVENUE Chelsea MA. 01920-8337
Phone: 617-897-3000

Transporter 1 Company Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC. MA 03933-8825
Transporter 2 Company Name: [Blank]

Designated Facility Name and Site Address: CLEAN HARBOR ENVIRONMENTAL SERVICES INC. 37 RUMMERY ROAD South Portland Me. 04106 ME 04106-7218
USEPA ID Number: [Blank]

13. Hazardous Waste Description: Petroleum oil
combustible liquid NA1270 P011 001 IT 05000 G MA97

State Manifest Identification Number: MAJ 649339
State Code: 0110735
Site Code: M. LEON MA.
Transporter's Phone: 703-99-1800
Facility Phone: 207-778-8801

14. Additional Description for Materials Listed Above: (L)

15. Special Handling Instructions and Additional Information: PLEASE SEE ATTACHED IN CASE OF EMERGENCY CALL PARAMETERS 1-800-645-8265

16. Transporter 1 Acknowledgment of Receipt of Material: Jonathan Noris
Signature: [Signature] 051498
17. Transporter 2 Acknowledgment of Receipt of Material: Raymond J. Guagrande
Signature: [Signature] 051498

Vertical text on the left margin: 98-0509-424-8802



INVOICE NO. SA-ALEA-0000000000
New Windsor Street, Boston, Massachusetts 02108

S.B. 8848
141/312

UNIFORM HAZARDOUS WASTE MANIFEST

MP6178873000 49273

Generator's Name and Mailing Address
ATTN: MARK KANEK
H.P. HOOD, INC.
90 EVERETT AVE. SUITE 200
CHELSEA, MA 02150-2337

State Manifest (Notification) Number
MA J 649273
State Control No. 0210T ST
MILTON, MA
Manifest Title
ME 614-102
Transporter's Phone (001) 49-1700
State Trans. ID

Generator's Phone (001) 617-887-8000
Transporter & Company Name
CLEAN HARBORS ENV. SERVICES, INC. MA003932250
Transporter's Phone (001) 49-1700
State Trans. ID

Designated Facility Name and Site Address
CLEAN HARBORS ENV. SERVICES, INC.
37 ROMERY RD.
S: PORTLAND, ME. 04106
MEP 980672182

Transporter's Phone (001) 49-1700
State Facility ID NOT IDENTIFIED
Facility's Phone (001) 799-8111

DOT Description (Hazardous Material Name, Hazard Class, and ID Number)
PETROLBUM OIL
COMBUSTIBLE LIQUID, NA 1290, PG III

001 TT 4,977 G MA97

Additional Descriptions for Materials (Hazardous Material Name, Hazard Class, and ID Number)
PCBS - ND
TOTAL HALOGENS - 250
FLASHPOINT - > 200
ARSENIC - ND
CADMIUM - ND
CHROMIUM - ND
LEAD - ND
NICKEL - ND
ZINC - 0.74

Handling Codes (Water End Use Allowed)
S102
T34

EMERGENCY CALL 1-800-645-8265

Preparer's Name
Mark Ganek
Jonathan Norris
AS AGENT FOR

Signature
Jonathan Norris
051298

Signature
JOHN R. SOUZA

Signature
John R. Souza
051298

Signature
CARL Boston

Signature
051298



617-8848

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's EPA ID No.

State of Origin

MP 6178873000 49272

Generator's Name and Mailing Address
ATTN: MARK GAREK

M.P. HOOD, INC.
90 EVERETT AVE., SUITE 200
ORFORD, MA. 02150-2039

State Standard ID# (see 40 CFR 263.10)

MA J 649272

State Gen. ID
ELIOT ST.
MILTON, MA.

Generator's Phone
617-897-3000

Transporter's Company Name
CLEAN HARBORS ENV. SERVICES, INC.

OSHA ID Number
MAD03932250

State Gen. ID
ME 614-102

Transporter's Phone
(878) 849-1800

Designated Facility Name and Site Address

CLEAN HARBORS ENV. SERVICES, INC.
39 RUMERY, RD.
S. PORTLAND, ME. 04106

EPA ID Number

ME0990692182

Transporter's Phone

State Facility ID

207-999-9111

HAZMAT Description (including proper shipping name, hazard class, and ID number)

PETROLEUM OIL
COMBUSTIBLE LIQUID, NA 1200, PG II

001 TT 4,764 G MA99

Special Descriptions for Materials (Must follow package or your own label instructions)
(X) PCBs - ND
TOTAL HALOGENS - 250
FLASHPOINT - >200
ARSENIC - ND
CHROMIUM - ND
LEAD - ND
NICKEL - ND
ZINC - 0.94

502
T34

Special Handling Requirements and Additional Information

EMERGENCY CALL - 1-800-645-9265

Signature of Generator
Jonathan Norris
As Agent for
Mark Garek

Signature of Transporter
Jonathan Norris
051198
Signature of Facility
John R. Souza
051198

Signature of Facility
Carl Boston

Signature of Facility
051198

MA 04922 CENCO31 FACILITY MAIL TO DESTINATION STATE

741.328

UNIFORM HAZARDOUS WASTE MANIFEST

MP6178873000 | 59181

Generator Name and Mailing Address: H.P. Hood, Inc. 40 Everett Ave Suite 200 Chelsea, MA 02150-2337

Generator Company Name: Clean Harbors Env. Service Inc. EPA ID Number: MA10 019322250

Receiver Name and Site Address: Clean Harbors Env. Services Inc. 5 Rumney Rd. S. Portland, Me. 04106 MED 980672182

Petroleum Oil, Combustible Liquid, Not 1270, PE111

A. State Manifest Document Number: MAJ 649191
B. State ID #: 61.07 St.
C. State Trans. #: 614118 Me.
D. Transporter's Phone: 781.499.1800
E. Transporter's Name: Millon, DA
F. State Facility ID: NOT FOR CREDIT
G. Facility's Phone: 207.799.8111

01 TT 5000 G MA97

K. Manifest Codes of Wastes: a. S102 b. T314

Emergency # 1-800-645-8261

PCB = ND ARI = 350 FPO = 7300
AS = ND LD = ND CI = ND PH = ND
Ni = ND Zi = .74

52.2 R 52.2 F

Marc Ganek Jonathan Norris as agent For

Jonathan Norris
Philip Halcy

050598
050598

William Radkell

William Radkell

050598

MA 649191 COPY TO FACILITY MAJIS TO DESTINATION STATE



DIVISION OF HAZARDOUS MATERIALS
One Winter Street Boston, Massachusetts 02108

TK#439
SB 87 48

Mobile form type (Form designed for use on other mobile devices)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's USEPA ID No. **MP 781 849 6164 J 0065** Manifest Document No. _____

2. Page 1 of 1 Information in the checked boxes is not required by Federal law

3. Facility Name and Mailing Address: **H.P. HOOD INC**
SUITE 200 90 EVERETT AVE.
617 887-3000
CLIFSEA MA 02150

4. State: **MA** State Manifest Document Number: **MAK 780065**

5. Facility Name: **Clean Harbors Env. Services, Inc** State: **MA** State Transferor's Permit Number: **OH P148548**

6. Facility Name: **MURPHY'S WASTE OIL SERVICES, INC** State: **MA** State Transferor's Permit Number: **01781 849-1000**

7. Facility Name: **Clean Harbors Env. Services, Inc** State: **MA** State Transferor's Permit Number: **01781 849-1000**

8. Facility Name: **MURPHY'S WASTE OIL SERVICES, INC** State: **MA** State Transferor's Permit Number: **01781 849-1000**

9. Facility Name: **Clean Harbors Env. Services, Inc** State: **MA** State Transferor's Permit Number: **01781 849-1000**

10. Facility Name: **MURPHY'S WASTE OIL SERVICES, INC** State: **MA** State Transferor's Permit Number: **01781 849-1000**

11. Facility Name: **Clean Harbors Env. Services, Inc** State: **MA** State Transferor's Permit Number: **01781 849-1000**

12. Facility Name: **MURPHY'S WASTE OIL SERVICES, INC** State: **MA** State Transferor's Permit Number: **01781 849-1000**

13. Facility Name: **Clean Harbors Env. Services, Inc** State: **MA** State Transferor's Permit Number: **01781 849-1000**

14. Facility Name: **MURPHY'S WASTE OIL SERVICES, INC** State: **MA** State Transferor's Permit Number: **01781 849-1000**

15. Facility Name: **Clean Harbors Env. Services, Inc** State: **MA** State Transferor's Permit Number: **01781 849-1000**

16. Facility Name: **MURPHY'S WASTE OIL SERVICES, INC** State: **MA** State Transferor's Permit Number: **01781 849-1000**

17. Container NO. **001** Type **TT** Total Quantity **235** Unit **G** Waste No. **MA01**

18. Description (including Proper Shipping Name, Hazard Class and ID Number): **WASTE PETROLEUM OIL**
COMBUSTIBLE LIQUID, UN 1270, P+H1

19. Handling Codes for Wastes Listed above: **(L) MA REGULATED**

20. Date of Manifest: **05/28/98**

21. Signature of Generator: **Michael McInnis** Date: **05/28/98**

22. Signature of Transporter: **Michael McInnis** Date: **05/28/98**

23. Signature of Facility Owner or Operator: _____ Date: _____

In case of emergency or spill, immediately call the number on the manifest and the number on the back of this manifest.

MAK 780065 COPY 1: FACILITY MAILS TO DESTINATION STATE

Form Approved OMB No. 2050-0044
EPA Form 8700-22 (Rev. 11/96) Previous editions obsolete

COPY 1: FACILITY MAILS TO DESTINATION STATE