EnviroTrac
Environmental Services

MAG910245

June 30, 2006

United States Environmental Protection Agency
RGP – NOI Processing
1 Congress Street
Boston, Massachusetts 02114-2023

Re: Remediation General Permit (RGP) – Notice of Intent (NOI)
Hess Station # 21313
1701 Worcester Road
Framingham, Massachusetts

To Whom It May Concern;

At the request of Hess Corporation (Hess), EnviroTrac Ltd (EnviroTrac) is submitting the attached RGP-NOI for the above-referenced location, referred to as the "site". This RGP-NOI pertains to a Category III-Contaminated Construction Dewatering, sub category B-Known Contamination Sites (Response Action Outcome Status). The NOI-RGP form is included as **Attachment A**. The site is currently a Hess gasoline station, former Circle K Store # 02563, which will be developed into a new Hess retail gasoline station and convenience store. Temporary construction dewatering will be required to facilitate the installation of underground storage tanks (USTs) and other structures. A review of a Class A-2 Response Action Outcome for the former Circle K revealed groundwater to be located at 10-12 feet below grade surface. Excavations to approximately 15' below grade surface will be required for the UST installation. The location of the site and discharge receiving waters are depicted on **Figure 1**. Also attached is the proposed site layout plan, prepared by Bohler Engineering P.C., and the current site layout plan, which depicts the existing site features and showing the catch basin where the discharge is proposed to occur.

During the construction dewatering process, groundwater will be pumped from the excavation(s) into a fractionation tank for settlement, and then pumped through bag filters before treatment via (2) 1,000-pound liquid phase carbon units. A schematic drawing, provided by the vendor, is included in **Attachment B**. The treated effluent will be discharged via the catch basin on the property, which discharges to drainage located in Worcester Road, which discharges to a drainage swale, which ultimately discharges to the Foss Reservoir. The average discharge rate of treated groundwater is anticipated to be 30 gallons-per-minute.

On April 26, 2006, a groundwater sample was obtained from an existing monitoring well. Based on the analytical results, total residual chlorine (TRC), benzo (a) anthracene, benzo (b) fluoranthene and flouranthene were detected. The following metals were also detected; lead, zinc and iron.

The following detected metals; lead, zinc and iron were reported at concentrations exceeding the applicable Effluent Limitations published in Appendix III of the RGP under the National Pollutant Discharge Elimination System (NPDES) for Discharges in Massachusetts. Based upon a review of the United States Geological Survey (USGS) Stream Flow database and the Massachusetts Riverways Project, there are no published 7Q10 values for the discharge point

(drainage swale). Therefore, the dilution factor range of 0-5 was used for comparison to the discharge ceiling limits for the detected metals.

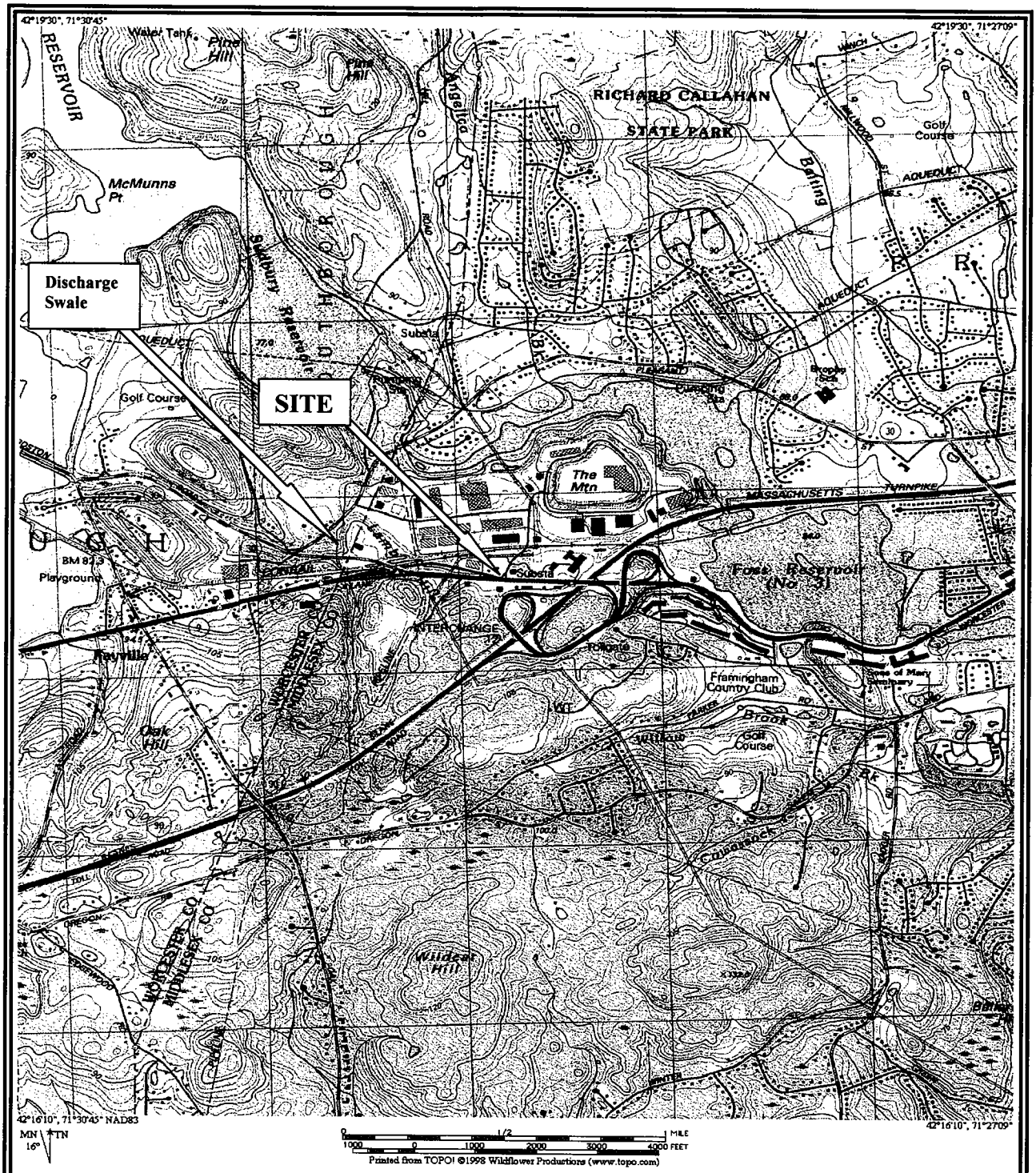
Zinc and iron are likely to be naturally occurring, since the property operations do not contribute to the release of these metals. Lead may also be naturally occurring or due to the historical use of the property as a gasoline station. Since the catch basins in Worcester road in that geographical area discharge to the drainage swale, there is likely more impact from road runoff than the groundwater to be discharged. If the EPA requires the treatment of these metals prior to discharge, then other alternatives will be evaluated and presented. The laboratory analytical reports supporting this submittal are included in **Attachment C**.

If you have any questions or require further information, please contact the undersigned at (781) 769-5005.

Sincerely,
EnviroTrac Ltd.

Susan Cahalan-Roach, P.G.
Geologist/Project Manager

FIGURES



Hess # 21313
1701 Worcester Road
Framingham, Massachusetts

Contour Interval 3 Meters

Long: 71°29'06"W
Lat: 42°17'51"N

N
W E
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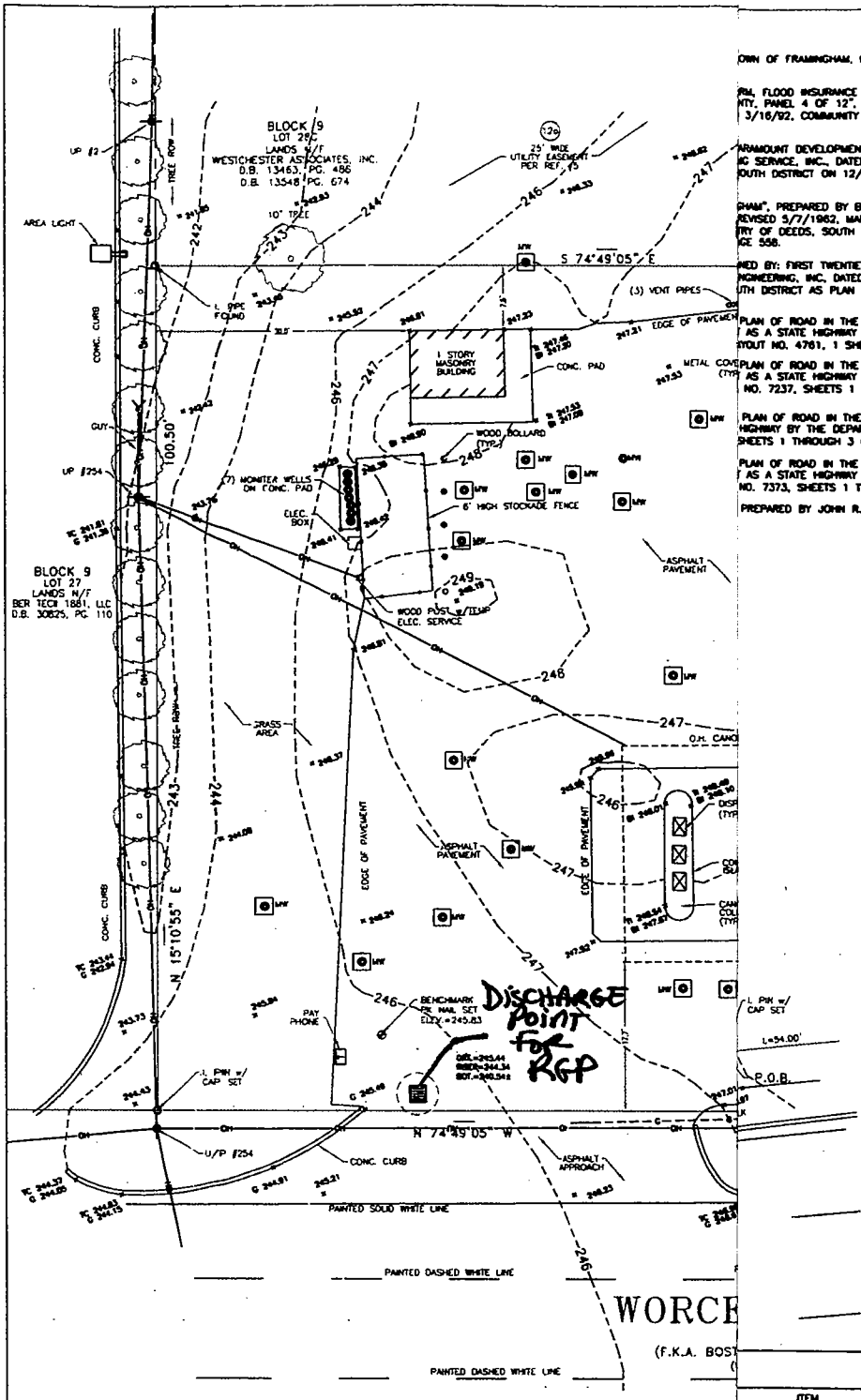
FIGURE 1

SITE LOCUS MAP
UNITED STATES GEOLOGICAL SURVEY
FRAMINGHAM, MASSACHUSETTS
7.5 MINUTE SERIES

EnviroTrac



TOWN OF FRAMINGHAM, MIDDLESEX

RM, FLOOD INSURANCE RATE MAP, NTY, PANEL 4 OF 12", PREPARED BY 3/16/92, COMMUNITY PANEL NO.

ARAMOUNT DEVELOPMENT IC SERVICE, INC., DATED 11/3/1970, OUTH DISTRICT ON 12/23/1970.

GHAM", PREPARED BY BARNES REVISED 5/7/1962, MAP NO. 30776A, TRY OF DEEDS, SOUTH DISTRICT ON GE 558.

NED BY: FIRST TWENTIETH CENTURY NGINEERING, INC., DATED JANUARY 4, UTH DISTRICT AS PLAN NO. 197 OF

PLAN OF ROAD IN THE TOWN OF AS A STATE HIGHWAY BY YOUT NO. 4761, 1 SHEET.

PLAN OF ROAD IN THE TOWN OF AS A STATE HIGHWAY BY THE NO. 7237, SHEETS 1 & 2 OF 2.

PLAN OF ROAD IN THE TOWN OF HIGHWAY BY THE DEPARTMENT OF SHEETS 1 THROUGH 3 OF 13.

PLAN OF ROAD IN THE TOWN OF AS A STATE HIGHWAY BY THE NO. 7373, SHEETS 1 THROUGH 3 OF 3.

PREPARED BY JOHN R. BERTORELLI.

----123----	EXISTING CONTOUR
x 123.45	EXISTING SPOT ELEVATION
x TC 123.45	EXIST. TOP OF CURB ELEVATION
x G 122.88	EXIST. GUTTER ELEVATION
x TI 123.45	EXIST. TOP OF ISLAND ELEVATION
x BI 122.85	EXIST. BOTTOM OF ISLAND ELEVATION
MW	MONITORING WELL
OH	OVERHEAD WIRES
	UTILITY POLE
12e	TITLE REPORT EXCEPTION
C/O	CLEAN OUT

WORCE

(F.K.A. BOST

ITEM	REQUIREMENT
MIN. LOT AREA	6,000 S.F.
MIN. LOT FRONTAGE	50'
MIN. SETBACK (FRONT)	50'
MIN. SETBACK (SIDE)	15'
MAX. BLDG HEIGHT	80'/6 STORIES
MAX. BLDG COVERAGE	-

1. LOCUS KNOWN AS LOT 28A, BLOCK 9 AS IDENTIFIED ON ASSESSORS PLAN NO. 463 OF THE TOWN OF FRAMINGHAM, MIDDLESEX COUNTY, COMMONWEALTH OF MASSACHUSETTS.
2. AREA = 20,005 S.F. OR 0.459 Ac.
3. UNDERGROUND UTILITIES HAVE NOT BEEN SHOWN.
4. THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
5. THIS SURVEY IS PREPARED WITH REFERENCE TO A TITLE COMMITMENT PREPARED BY LANDAMERICA NATIONAL COMMERCIAL SERVICES, AGENT FOR LAWYERS TITLE INSURANCE CORPORATION, CASE NUMBER C3413, WITH AN EFFECTIVE DATE OF DECEMBER 18, 2000, WHERE THE FOLLOWING SURVEY RELATED EXCEPTIONS APPEAR IN SCHEDULE B, SECTION 2:

⑥ TERMS AND CONDITIONS, INCLUDING RIGHT OF WAY FOR INGRESS AND EGRESS, PER DEED BOOK 12768, PAGE 658 AND DEED BOOK 25323, PAGE 184 - GENERAL SIGN RESTRICTIONS AND RIGHT TO USE CALIFORNIA AVE. - NOT SHOWN.

⑫ EASEMENTS AND RIGHT OF WAY SHOWN ON A PLAN RECORDED AS PLAN NUMBER 197 OF 1977.

a. TWENTY FIVE (25) FOOT WIDE UTILITY EASEMENT - SHOWN.

b. EXISTING TWENTY (20) FOOT WIDE UTILITY EASEMENT - DOES NOT AFFECT PREMISES, NOT SHOWN.

c. RIGHT OF WAY - SHOWN.

⑬ MATTERS SET FORTH IN CASE NUMBER 30776, RECORDED IN BOOK 10263, PAGE 558 - DOES NOT AFFECT PREMISES, NOT SHOWN.

⑭ MATTER SET FORTH IN DEED BOOK 9493, PAGE 56 - DOES NOT AFFECT PROPERTY, NOT SHOWN.

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⑲ R
D
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FOR INFORMA

a. DECIS
DECE

6. LOCUS IS
REF. MAP

8. ELEVATIONS

9. LOCUS IS
CORRIDOR

40

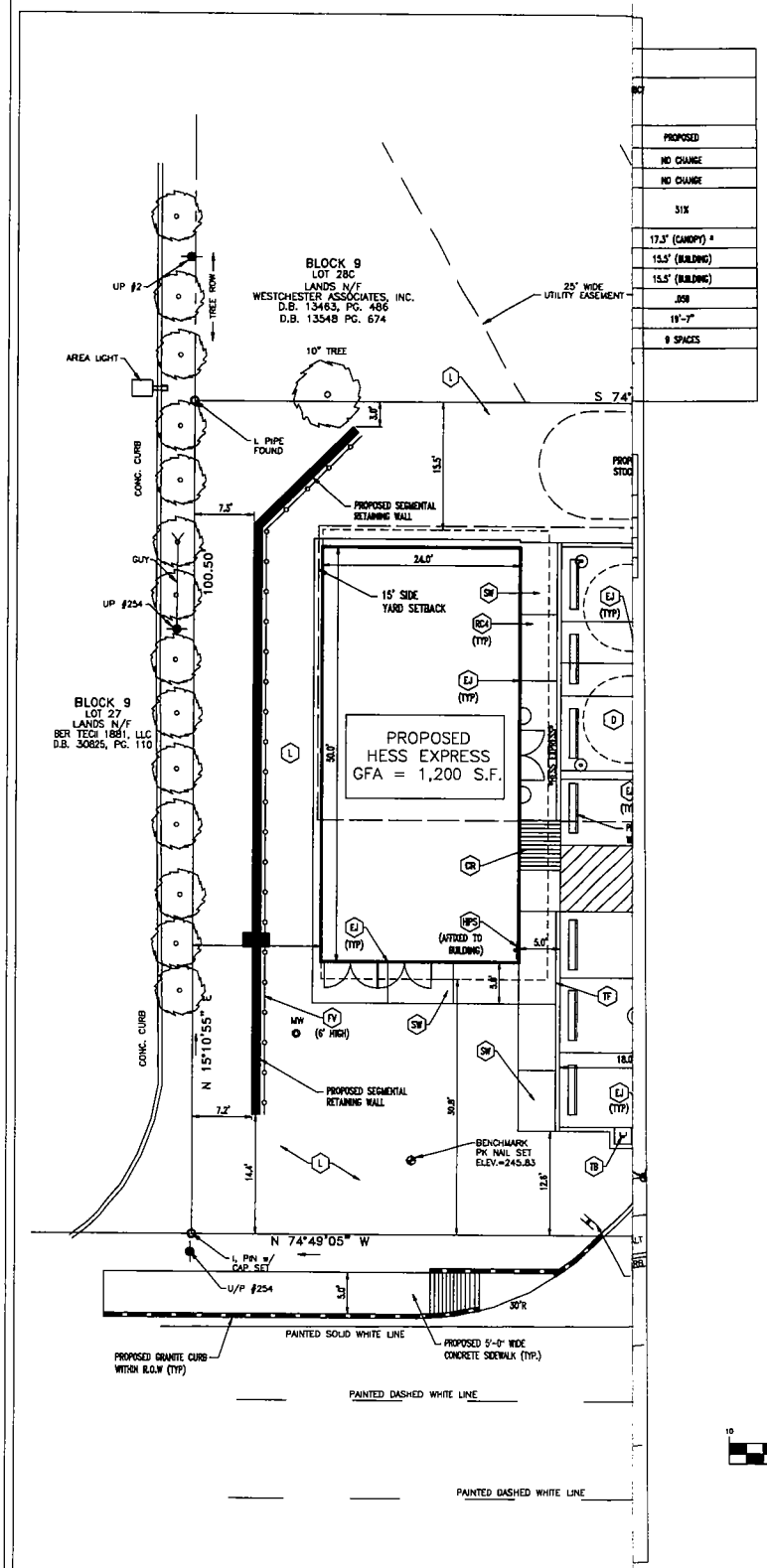
No.	DESCRIPTION OF REVISION	DRAWN:	APPROVED:	DATE
2	REVISE TO ADD TOPOGRAPHY	E.C.R.	J.D.B.	3-30-01
1	REVISE CERTIFICATION	V.R.M.	J.D.B.	3-8-01

FIELD DATE: 3-27-01, 1-04-01
F/B NO.: 01-06, CP01-01
F/B PG.: 2-4, 34-35
DRAWN: B.J.M. /V.R.M.
CHECKED: J.D.B.

ALTA/ACSM LAND TITLE & TOPOGRAPHIC SURVEY

HESS

REV. NO.	DATE	SCALE	FILE NO.	DWG. NO.
2	1-24-01	1"=10'	C00516	1 1



PROPOSED	
NO CHANGE	
NO CHANGE	
51%	
17.3' (CANOPY) *	
15.5' (BUILDING)	
15.5' (BUILDING)	
.058	
19'-7"	
9 SPACES	

SITE PLAN GENERAL NOTES:

1. THIS PLAN REFERENCES A SURVEY BY:
CONTROL POINT ASSOCIATES
30 TECHNOLOGY DRIVE
WARREN, NJ 07059
(DATED 1/24/01, REVISED THROUGH 3/30/01)

2. SPECIFIC RESOURCES, TECHNICAL REPORTS, DESIGN DOCUMENTS, ET. AL. RELATED TO THIS PROJECT INCLUDE (BUT MAY NOT BE LIMITED TO) THE FOLLOWING:

-SURVEY: "ALTA/ACSM LAND TITLE SURVEY" PREPARED BY CONTROL POINT ASSOCIATES, INC., WARREN, NJ, SCALE: 1"=10', DATED 1-24-01 AND REVISED THROUGH 3-30-01, SCALE 1"=10'. ALL INFORMATION PROVIDED OUTSIDE OF THE SUBJECT PROPERTY LINES IS BASED ON VISUAL FIELD OBSERVATION AND AS SUCH, NOT TO SCALE.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING THESE DOCUMENTS AND FAMILIARIZING HIMSELF WITH SAME FOR APPLICATION BOTH PRIOR TO AND DURING CONSTRUCTION.

3. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE REFERENCED SURVEYOR'S BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO GROUNDBREAK.

4. APPLICANT:
AMERADA HESS CORPORATION
C/O BOHLER ENGINEERING, P.C.
352 TURNPIKE ROAD
SOUTHBOROUGH, MA 01772

5. PARCEL DATA: LOT SHOWN ON ASSESSOR'S PLAN #443, LOT/28A, BLOCK #9, 1701 WORCESTER ROAD (A.K.A. ROUTE 9), IN THE TOWN OF FRAMINGHAM, MASSACHUSETTS.

6. BULK REQUIREMENTS: SEE ZONING ANALYSIS TABLE

7. PARKING REQUIREMENTS: SEE ZONING ANALYSIS TABLE

8. ALL HANDICAP PARKING SPACES SHALL BE CONSTRUCTED TO MEET ADA REQUIREMENTS.

9. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED, NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS BY ALL OF THE PERMITTING AUTHORITIES.

10. THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR ANY/ALL CERTIFICATIONS, INSPECTIONS, ETC. REQUIRED BY ALL GOVERNING JURISDICTIONAL AGENCIES DURING AND AFTER CONSTRUCTION FOR SIGN-OFF AND CERTIFICATE OF OCCUPANCY ISSUANCE, INCLUDING BUT NOT LIMITED TO PROCUREMENT OF SERVICES, SCHEDULING OF FIELD OBSERVATIONS AND COORDINATION WITH REPRESENTATIVES OF THE APPROPRIATE PARTIES.

11. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.

12. THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN GEOTECHNICAL REPORT AND PLANS, ETC.

13. THE PROPERTY SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.

14. THESE PLANS ARE BASED ON INFORMATION PROVIDED TO BOHLER ENGINEERING, P.C. AT THE TIME OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY BOHLER ENGINEERING, P.C. OF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK SHOULD BE INHIBITED BY ANY OTHER SITE FEATURES.

15. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

16. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS.

17. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL TOWN, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE CODES.

18. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PROVISIONS TO ASSURE STABILITY OF CONTIGUOUS STRUCTURES, AS FIELD CONDITIONS DICTATE.

19. CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES AS NECESSARY TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT TO REMAIN, AND TO PROVIDE A SAFE WORK AREA.

20. CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEM DURING CONSTRUCTION SUCH AS BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND REPLACE ALL SIGNAL INTERCONNECT CABLE, CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. REPAIR SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION START.

21. ALL CONCRETE SHALL HAVE THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS AS INDICATED IN SPECIFICATIONS UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS AND/OR GEOTECHNICAL REPORT.

22. ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS/MEANS FOR COMPLETION OF THE WORK DEPICTED ON THESE PLANS NOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND NOTIFICATION OF OWNER AND ENGINEER OF RECORD WHEN A CONFLICT IS IDENTIFIED.

23. ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAS HE BEEN RETAINED FOR SUCH PURPOSES.

24. ALL CONTRACTORS MUST CARRY STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR POLICIES ENDORSED TO NAME BOHLER ENGINEERING, P.C., AND ITS SUBCONSULTANTS AS ADDITIONAL INSURED AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THE HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH BOHLER ENGINEERING, P.C. WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS BOHLER ENGINEERING, P.C. AND ITS SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.

25. NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER ENGINEERING, P.C. NOR THE PRESENCE OF BOHLER ENGINEERING, P.C. OR ITS EMPLOYEES AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. BOHLER ENGINEERING, P.C. AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOBSITE SAFETY. BOHLER ENGINEERING, P.C. SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE NAMED AS AN ADDITIONALLY INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.

26. BOHLER ENGINEERING, P.C. SHALL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTORS SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN IN THE CONSTRUCTION MEANS OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES, OR CONSTRUCTION SAFETY PRECAUTIONS, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. BOHLER ENGINEERING ITS REVIEW SHALL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT BOHLER ENGINEERING, P.C. HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. BOHLER ENGINEERING, P.C. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO THE ATTENTION OF BOHLER ENGINEERING, P.C. IN WRITING BY THE CONTRACTOR. BOHLER ENGINEERING, P.C. SHALL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.

27. IN AN EFFORT TO RESOLVE ANY CONFLICTS THAT ARISE DURING THE DESIGN AND CONSTRUCTION OF THE PROJECT OR FOLLOWING THE COMPLETION OF THE PROJECT, BOHLER ENGINEERING, P.C. AND THE CONTRACTOR MUST AGREE THAT ALL DISPUTES BETWEEN THEM ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE PROJECT SHALL BE SUBMITTED TO NONBINDING MEDIATION UNLESS THE PARTIES MUTUALLY AGREE OTHERWISE.

28. THE CONTRACTOR MUST INCLUDE A MEDIATION PROVISION IN ALL AGREEMENTS WITH INDEPENDENT SUBCONTRACTORS AND CONSULTANTS RETAINED FOR THE PROJECT AND TO REQUIRE ALL INDEPENDENT CONTRACTORS AND CONSULTANTS TO INCLUDE A SIMILAR MEDIATION PROVISION IN ALL AGREEMENTS WITH THEIR SUBCONTRACTORS, SUBCONSULTANTS, SUPPLIERS AND FABRICATORS, THEREBY PROVIDING FOR MEDIATION AS THE PRIMARY METHOD FOR DISPUTE RESOLUTION BETWEEN THE PARTIES TO ALL THOSE AGREEMENTS.

29. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREON, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FOR SUCH DEVIATIONS FROM THE OWNER AND ENGINEER, IT SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE, ALL FINES OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS TO CORRECT ANY SUCH WORK AND FROM ALL SUCH FINES AND PENALTIES, COMPENSATORY AND PUNITIVE DAMAGES AND COSTS OF ANY NATURE RESULTING THEREFROM.

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

GENERAL
ARRANGEMENT PLAN

1"=10'
NONE

S-1

ATTACHMENT A

Appendix V: Notice of Intent (NOI), Notice of Change (NOC), and Notice of Termination (NOT) Suggested Forms & Instructions

I. Suggested Notice of Intent (NOI) Form

In order to be covered by the remediation general permit (RGP), applicants must submit a written Notice of Intent (NOI) to EPA Region I and the appropriate state agency. **All parties meeting the definition of "operator" must fill out, sign, and submit separate NOIs.**

The "operator" is defined in Part I.B.1. as the person[1] who has operational control over plans and specifications, or the person who has day-to-day supervision and control of activities occurring at the site. For purposes of this permit, the operator is either:

i. The owner[2] (e.g., title holder, developer, or easement holder of the property) if that entity is performing all work related to complying with this permit; **or**
ii. Both the owner[2] (e.g., title holder, developer, or easement holder of the property) and contractor(s) if a contractor(s) has been hired to perform work related to complying with this permit.

This means that each party meeting the definition of operator should apply for coverage under the RGP if it has operational control over either the project site plans and specifications, including the ability to make modifications to those plans and specifications (e.g., the property owner), **or** has day-to-day operational control of those activities at a project which are necessary to ensure compliance with permit conditions (e.g., the contractor). Where a party's activity is part of a larger common plan (e.g., for the development or sale of the property), that party is only responsible for applying for the portions of the project for which it meets the definition of "operator." In many instances, there may be more than one party at a site performing tasks related to "operational control" and hence, more than one operator must submit an NOI. Depending on the site and the relationship between the parties (e.g., owner, contractor, etc.), there could be either a single party acting as site operator and consequently responsible for obtaining permit coverage, or there could be two or more operators all needing permit coverage.

The following are three general **"operator"** scenarios (variations on any of these three are possible, especially as the number of owners and contractors increases):

- *"Owner" as "Operator" - sole permittee.* The property owner designs the structures and control systems for the site, develops and implements the BMPP, and serves as general contractor (or has an on-site representative with full authority to direct day-to-day operations). Under the definition of operator, in this case, the "Owner" would be considered the "operator" and therefore the only party that needs permit coverage. Everyone else working on the site may be considered subcontractors and do not need to apply for permit coverage.

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[1] Defined in 40 CFR 122.2.

[2] For purposes of this permit, the "owner" of a property is the person, as defined by 40 CFR 122.2, holding the title, deed, or legal document to the regulated property, facility, or activity, including a party working under an easement on the property.

- *"Contractor" as "Operator" - sole permittee.* The property owner hires a company (e.g., a contractor) to design the project and oversee all aspects, including preparation and implementation of the BMPP and compliance with the permit (e.g., a "turnkey" project). Here, the contractor would likely be the only party needing a permit. It is under this scenario that an individual having a personal residence built for his own use (e.g., not those to be sold for profit or used as rental property) would not be considered an operator. Similarly, EPA expects that property owners hiring a contractor or consultant to perform groundwater remediation work (e.g., due to a leaking fuel oil tank) would come under this type of scenario. EPA believes that the contractor, being a professional in the industry, should be the responsible entity rather than the individual. The contractor is better equipped to meet the requirements of both applying for permit coverage and developing and properly implementing the plans needed to comply with the permit. However, property owners would also meet the definition of "operator" and require permit coverage in instances where they perform any of the required tasks on their personal properties.

- *"Owner" and "Contractor" as "Operators" - co-permittees.* The owner retains control over any changes to site plans, BMPPs, or wastewater conveyance or control designs, but the contractor is responsible for conducting and overseeing the actual activities (e.g., excavation, installation and operation of treatment train, etc.) and daily implementation of BMPP and other permit conditions. In this case, **both** parties need to apply for coverage.

Generally, a person would not be considered an "operator," and subsequently would not need permit coverage, if: 1) that person is a subcontractor hired by, and under the supervision of, the owner or a general contractor (e.g., if the contractor directs the subcontractor's activities on-site, it is probably not an operator); or 2) the person's activities would otherwise result in the need for coverage under the RGP but another operator has legally assumed responsibility for the impacts of project activities.

A. Instructions for the Suggested Notice of Intent (NOI) - At a minimum, the Notice of Intent must include the following for each individual facility or site. Additional information may be attached as needed.

1. General facility/site information.

a) Provide the **facility/site** name, mailing address, and telephone and fax numbers. Provide the facility SIC code(s). Provide the site location, including longitude and latitude.
b) Provide the property **owner's** name, address, email address, telephone and fax numbers, if different from the site information. Indicate whether the owner is a Federal, State, Tribal, private, or other entity.
c) Provide the site **operator's** (e.g., contractor's) name, mailing address, telephone and fax numbers, and email address if different from the owner's information.
d) For the site for which the application is being submitted, indicate whether:
   1) a prior NPDES permit exclusion has been granted for the discharge (if so, provide the tracking number of the exclusion letter);

2) a prior NPDES application (Form 1 & 2C) has ever been filed for the discharge (if so, provide the tracking number and date that the application was submitted to EPA);
3) the discharge is a "new discharge" as defined by 40 CFR 122.2; and
4) for sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting.

e) Indicate whether there is any ongoing state permitting, licensing, or other action regarding the facility or site which is generating the discharge. If "yes," provide any site identification number assigned by the state of NH or MA, any permit or license number assigned, and the state agency contact information (e.g. name, location, telephone no.).

f) Indicate whether or not the facility is covered by other EPA permits including: the multi-sector storm water general permit; the Phase I or II Construction Storm Water General Permit; an individual NPDES permit; or, any other water quality-related individual or general permit. If so, provide permit tracking number(s).

2. Discharge information.

a) Describe the discharge activities to be covered by the permit. Attach additional sheets as needed.

b) Provide the following information about each discharge:
1) the number of discharge points;
2) the **maximum** and **average flow rate** of the discharge in cubic feet per second. For the average flow magnitude, include the units and appropriate notation if this value is a calculated design value or estimate if technical/design information is not available;
3) the latitude and longitude of each discharge with an accuracy of 100 feet (see EPA's siting tool at: http://www.epa.gov/tri/report/siting_tool/);
4) the total volume of potential discharge (gal), only if hydrostatic testing;
5) indication whether the discharge(s) is intermittent or seasonal and if ongoing.

c) Provide the expected start and end dates of discharge (month/day/year)

d) Attach a line drawing or flow schematic showing water flow through the facility including:
1) sources of intake water;
2) contributing flow from the operation;
3) treatment units; and
4) discharge points and receiving waters(s).

3. Contaminant information. In order to complete section I.3. of the NOI, the applicant will need to take a minimum of one sample of the untreated water and have it analyzed for **all** of the parameters listed in Appendix III. The applicant may use historical data as a substitute for the new sample if the data was collected no more than 2 years prior to the effective date of the permit and if collected pursuant to: i. Massachusetts' regulations 310 CMR 40.0000, the Massachusetts Contingency Plan ("Chapter 21E"); ii. New Hampshire's Title 50 RSA 485-A: Water Pollution and Waste Disposal or Title 50 RSA 485-C: Groundwater Protection Act; or iii. an EPA permit exclusion letter issued pursuant to 40 CFR 122.3, and was analyzed with the test methods required by this permit. Otherwise, a new sample shall be taken and analyzed.

a) Based on the analysis of the sample(s) of the untreated influent, the applicant must indicate which of the sub-categories (listed in Table V of Part I.C of the permit) that the potential discharge falls within.
b) Based on the analysis of the untreated influent, the applicant must indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge.

Based on the required sampling and analysis, the applicant must fill in the table, or provide a narrative description, with the following additional information for each chemical that is **believed present**:

1) the number of samples taken (minimum of one sample);
2) the type of sample (e.g. grab, composite, etc.);
3) the analytical method used, including the method number;
4) the minimum level (ML) of the method used (based on Appendix VI);
5) the maximum daily amount (concentration, ug/l, and mass, kg) of each pollutant, based on the sampling data (see Appendix VIII instructions for sample mass calculations); and
6) the average daily amount (concentration and mass) of each pollutant, based on the sampling data.

If the results of the required sampling indicate that pollutants exist in addition to those listed in Appendix III of the RGP of the permit, the applicant must also describe those contaminants on the NOI in boxes in section I.3.b) on the line marked "Other," or using additional sheets as needed. Subsequently, EPA will decide if the RGP can apply or if an individual permit is necessary.

c) Determination of Reasonable Potential and Allowable Dilution for Discharges of Metals:
If any ***metals*** are believed present in the potential discharge to freshwater[3], the applicant must follow the 2 step calculation procedures described below to determine the reasonable potential for exceedance of water quality standards and dilution factor for each metal.

Step 1: Initial Evaluation

1) The applicant must evaluate all metals believed present in the discharge subject to this permit, including "naturally occurring" metals such as dissolved and/or total Iron. Applicants must enter the highest detected concentration of the metal at zero dilution in the "Maximum value" column of the NOI.

2) Based on the maximum concentration of each metal, the applicant must perform an initial evaluation assuming zero dilution in the receiving water. The applicant must compare the metals concentrations in the untreated (intake) waters to the limits contained in Appendix III.

i. If potential discharges (untreated influent) with metals contain concentrations above the concentration limits listed in Appendix III , applicant must proceed to step 2.

[3]Dilution factors may be available for discharges to saline waters but only with approval of the flow modeling information from the State prior to the submission of the NOI.

ii. If potential discharges (untreated influent) with metals contain concentrations below the concentrations listed in Appendix III, the applicant may skip step 2 and those metals will **not** be subject to permit limitations or monitoring requirements.

Step 2: Calculation of Dilution Factor

1) **For applicants in NH**: If a metal concentration in a potential discharge (untreated influent) to **freshwater**[3] exceeds the limits in Appendix III with zero dilution, the applicant shall evaluate the potential concentration considering a dilution factor (DF) using the formula below. **For sites in New Hampshire, the applicant must contact NH DES to determine the 7Q10 and dilution factor.**

DF = [(Qd + Qs)/Qd] X 0.9

Where:	**DF**	**= Dilution Factor**
	Qd	**= Maximum flow rate of the discharge in cubic feet per second (cfs) (1.0 gpm = .00223 cfs)**
	Qs	**= Receiving water 7Q10 flow, in cfs, where,**
	7Q10	**= The annual minimum flow for 7 consecutive days with a recurrence interval of 10 years**
	0.9	**= Allowance for reserving 10% of the assets in the receiving stream as per Chapter ENV-Ws 1700, Surface Water Quality Regulations**

i. Using the DF calculated from the formula above, the applicant must refer to the corresponding DF range column in Appendix IV. The applicant then compares the maximum concentration of the metal entered on the NOI to the corresponding total recoverable metals limits listed in Appendix IV.

1. If a metal concentration in the potential discharge (untreated influent) is less than the corresponding limit in Appendix IV, the metal will **not** be subject to permit limitations or monitoring requirements.
2. If a metal concentration in the potential discharge (untreated influent) is equal to or exceeds the corresponding limit in Appendix IV, the applicant must reduce it in the effluent to a concentration below the applicable total recoverable metals limit in Appendix IV prior to discharge.

ii. In either case, the applicant must submit the results of this calculation as part of the NOI. EPA and NH DES will review the proposed effluent limitations for each metal and approve or disapprove the limits in the notification of coverage letter to the applicant.

2) **For applicants in MA**: If a metal concentration in a in a potential discharge (untreated influent) to **freshwater**[3] exceeds the limits in Appendix III with zero dilution, the applicant must evaluate the potential concentration considering a dilution factor (DF) using the formula below.

DF = (Qd + Qs)/Qd

Where:	**DF**	**= Dilution Factor**
	Qd	**= Maximum flow rate of the discharge in cubic feet per second (cfs) (1.0 gpm = .00223 cfs)**
	Qs	**= Receiving water 7Q10 flow (cfs) where,**
	7Q10	**= The minimum flow (cfs) for 7 consecutive days with a recurrence interval of 10 years**

i. The applicant may estimate the 7Q10 for a receiving water by using available information such as nearby USGS stream gauging stations directly or by application of certain "flow factors," using historic streamflow publication information, calculations based on drainage area, information from state water quality offices, or other means. In many cases the states of MA have calculated 7Q10 information using "flow factors" for a number of streams in the state. The source of the low flow value(s) used by the applicant must be included on NOI application form. Flow data can also be obtained from web applications such as STREAMSTATS located at: http://ma.water.usgs.gov/streamstats/.

ii. Using the DF calculated from the formula above, the applicant must refer to the corresponding DF range column in Appendix IV. The applicant then compares the maximum concentration of each metal entered on the NOI to the corresponding total recoverable metals limit listed in Appendix IV.

1. If a metal concentration in the potential discharge (untreated influent) is less than the corresponding limit in Appendix IV, the metal will **not** be subject to permit limitations or monitoring requirements.
2. If a metal concentration in a potential discharge (untreated influent) is equal to or exceeds the corresponding limit in Appendix IV, the applicant must reduce it in the effluent to a concentration below the applicable total recoverable metals limit in Appendix IV prior to discharge.

iii. The applicant must submit the results of this calculation as part of the NOI. EPA (and MA DEP where the discharge not covered by 310 CMR 40.0000) will review the proposed effluent limitations for each metal and approve or disapprove the limits in the notification of coverage letter to the applicant.

4. Treatment system information.

a) Describe the treatment train for each discharge and attach a schematic of the proposed or existing treatment system.

b) Identify each major treatment unit (e.g. frac tanks, filters, air stripper, liquid phase/vapor phase activated carbon, oil/water separators, etc.) by checking all that apply and describing any additional equipment not listed. Provide a written description of how the system train will be set up. Attach additional sheets as needed.

c) Provide the proposed **average** and **maximum flow** rates (in gallons per minute, gpm) for the discharge and the **design flow** rates (in gpm) of the treatment system. Clearly identify the component of the treatment with the most limited flow, i.e., the part of the treatment train that establishes the **design flow**.
d) Describe any chemical additives being used, or planned to be used, and attach MSDS sheets for each. EPA may request further information regarding the chemical composition of the additive, potential toxic effects, or other information to insure that approval of the use of the additive will not cause or contribute to a violation of State water quality standards. Approval of coverage under the RGP will constitute approval of the use of the chemical additive(s). If coverage of the discharge under the RGP has already been granted and the use of a chemical additive becomes necessary, the permittee must submit a Notice of Change (NOC).

5. Receiving surface water(s) information.
a) Identify the discharge pathway by checking whether it is discharged: directly to the receiving water, within the facility (e.g., through a sewer drain), to a storm drain, to a river or brook, to a wetland, or other receiving body.
b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters into which discharge will occur.
c) Provide a detailed map(s) indicating the location of the site and outfall to the receiving water:
1) For multiple discharges, the discharges should be numbered sequentially.
2) In the case of indirect dischargers (to municipal storm sewer, etc) the map(s) must be sufficient to indicate the location of the discharge to the indirect conveyance and the discharge to the state classified surface water. The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.
d) Provide the state water quality classification of the receiving water and the basin;
e) Specify the reported seven day-ten year low flow (7Q10) of the receiving water (see Section I.A.3)c. above). In New Hampshire, the 7Q10 must be provided by to the applicant by the New Hampshire Department of Environmental Services.
f) Indicate whether the receiving water is a listed 303(d) water quality impaired or limited water and if so, for which pollutants (see Section VII.H. of the Fact Sheet for additional information). Also, indicate if there is a TMDL for any of the listed pollutants. For MA, the list of waters can be found at: http://www.mass.gov/dep/brp/wm/tmdls.htm and for NH: http://www.epa.gov/ne/eco/tmdl/impairedh2o.html. For more information, contact the states at: New Hampshire Department of Environmental Services, Watershed Management Bureau at 603-271-3503 or the Massachusetts Department of Environmental Protection at 508-767-2796 or 508-767-2873;

6. Consultation with Federal Services - As required in Part I.A.4 and Appendix VII the operator of a site/facility must ensure that the potential discharge will not affect adversely endangered species, designated critical habitat, or essential fish habitat, or national historic places that are in proximity to the potential discharge. If the potential discharge is to certain water bodies, the applicant must also submit a formal certification with the NOI that indicates the consultation, with the U.S. Fish and Wildlife Service and National Marine Fisheries Service (the Services), resulted in either a no jeopardy opinion or a written concurrence on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat. Facilities should begin the

consultation as early in the process as possible.

a) Indicate whether any listed threatened or endangered species, designated critical habitat, or essential fish habitat, are in proximity to the discharge to be covered by this permit and whether any consultation with the Services is complete or underway.
b) Indicate whether or not there are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility or site or in proximity to the discharge (see http://www.cr.nps.gov/nr/research/nris.htm), and whether any state or tribal historic preservation officer (SHPO or THPO) was consulted in such a determination (for Massachusetts sites only).

7. Supplemental information. Applicants should provide any supplemental information needed to meet the requirements of the permit, including, any analytical data used to support the application, and any certification(s) required.

8. Signature Requirements - The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

> *I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

B. Suggested Form for Notice of Intent (NOI) for the Remediation General Permit

1. General site information. Please provide the following information about the site:

<table>
<tr><td colspan="2">a) Name of facility/site:
Hess Station # 21313</td><td colspan="4">Facility/site address:
1701</td></tr>
<tr><td>Location of facility/site:
longitude: 71295 latitude: 42175</td><td>Facility SIC code(s):
5541</td><td colspan="4">Street:
Worcester Road</td></tr>
<tr><td colspan="2">b) Name of facility/site owner: Hess Corporation</td><td colspan="4">Town: Framingham</td></tr>
<tr><td colspan="2" rowspan="2">Email address of owner:
Represenative: mmatri@hess.com</td><td rowspan="2">State:
MA</td><td rowspan="2">Zip:
01701</td><td colspan="2" rowspan="2">County:
Middlesex County</td></tr>
<tr><td colspan="2">Telephone no.of facility/site owner: (732) 750-6000</td></tr>
<tr><td colspan="2">Fax no. of facility/site owner: (732) 750-6105</td><td colspan="4" rowspan="2">Owner is (check one): 1. Federal____ 2. State/Tribal____
3. Private ✓ 4. other, if so, describe:</td></tr>
<tr><td colspan="2">Address of owner (if different from site):</td></tr>
<tr><td colspan="6">Street: One Hess Plaza</td></tr>
<tr><td>Town: Woodbridge</td><td>State: NJ</td><td>Zip: 07095</td><td colspan="3">County: Middlesex</td></tr>
<tr><td rowspan="2">c) Legal name of operator:
EnviroTrac Ltd.</td><td colspan="5">Operator telephone no: (781) 769-5005</td></tr>
<tr><td colspan="2">Operator fax no.: (781) 769-9345</td><td colspan="3">Operator email:
Represenative: bsnow@envirotrac.com</td></tr>
<tr><td colspan="6">Operator contact name and title: Brian G. Snow, P.G., LSP, LEP, Senior Project Manager</td></tr>
</table>

Address of **operator** (if different from owner):	Street: 1400 Providence Highway, Suite 2100		
Town: Norwood	State: MA	Zip: 02062	County: Norfolk

d) Check "yes" or "no" for the following:
1. Has a prior NPDES permit exclusion been granted for the discharge? Yes___ No ✓, if "yes," number:
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge? Yes___ No ✓, if "yes," date and tracking #:
3. Is the discharge a "new discharge"as defined by 40 CFR 122.2? Yes ✓ No___
4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes ✓ No__

e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes___ No ✓ If "yes," please list: 1. site identification # assigned by the state of NH or MA: 2. permit or license # assigned: 3. state agency contact information: name, location, and telephone number:	f) Is the site/facility covered by any other EPA permit, including: 1. multi-sector storm water general permit? Y___ N ✓, if Y, number: 2. phase I or II construction storm water general permit? Y___ N ✓, if Y, number: 3. individual NPDES permit? Y___ N ✓, if Y, number: 4. any other water quality related permit? Y___ N ✓, if Y, number:

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed) including:

a) Describe the discharge activities for which the owner/applicant is seeking coverage:

Temporay construction dewatering to facilitate the construction of a new retain gasoline station and convenience store. The property is currently a Hess retail gasoline station (former Circle K Store 2702536).

b) Provide the following information about each discharge:	1) Number of discharge points: 1	2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)? Max. flow 0.22 Average flow 0.06 Is maximum flow a **design value**? Y___ N ✓ For average flow, include the units and appropriate notation if this value is a design value or estimate if not available. Estimate

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. 71290 lat. 42175 ; pt.2: long._____ lat._____; pt.3: long._____ lat._____; pt.4:long._____ lat._____; pt.5: long._____ lat._____; pt.6:long._____ lat._____; pt.7: long._____ lat._____; pt.8:long._____ lat._____; etc.

4) If hydrostatic testing, total volume of the discharge (gals):	5) Is the discharge intermittent_____or seasonal_____? Is discharge ongoing Yes ____ No ✓ ?
c) Expected dates of discharge (mm/dd/yy): start 07/20/06 end 07/30/06	
d) Please attach a line drawing or flow schematic showing water flow through the facility including: 1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s).	

3. Contaminant information. In order to complete this section, the applicant will need to take a minimum of one sample of the untreated water and have it analyzed for **all** of the parameters listed in Appendix III. Historical data, (i.e., data taken no more than 2 years prior to the effective date of the permit) may be used if obtained pursuant to: i. Massachusetts' regulations 310 CMR 40.0000, the Massachusetts Contingency Plan ("Chapter 21E"); ii. New Hampshire's Title 50 RSA 485-A: Water Pollution and Waste Disposal or Title 50 RSA 485-C: Groundwater Protection Act; or iii. an EPA permit exclusion letter issued pursuant to 40 CFR 122.3, provided the data was analyzed with test methods that meet the requirements of this permit. Otherwise, a new sample shall be taken and analyzed.

a) Based on the analysis of the sample(s) of the untreated influent, the applicant must check the box of the sub-categories that the potential discharge falls within.

Gasoline Only	VOC Only	Primarily Metals	Urban Fill Sites	Contaminated Sumps	Mixed Contaminants	Aquifer Testing
Fuel Oils (and Other Oils) only	VOC with Other Contaminants	Petroleum with Other Contaminants ✓	Listed Contaminated Sites	Contaminated Dredge Condensates	Hydrostatic Testing of Pipelines/Tanks	Well Development or Rehabilitation

b) Based on the analysis of the untreated influent, the applicant must indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

PARAMETER	**Believe Absent**	**Believe Present**	**# of Samples (1 min-imum)**	**Type of Sample (e.g., grab)**	**Analytical Method Used (method #)**	**Minimum Level (ML) of Test Method**	**Maximum daily value**		**Avg. daily value**	
							concentration (ug/l)	**mass (kg)**	**concentration (ug/l)**	**mass (kg)**
1. Total Suspended Solids		✓	1	grab	160.2	4mg/L	0.267		0.267	.00021
2. Total Residual Chlorine		✓	1	grab	330.4	0.05mgL	.0003		0.0003	.000000
3. Total Petroleum Hydrocarbons	✓		1	grab	1664	4.2mg/L	ND			
4. Cyanide	✓		1	grab	335.3	0.01mgL	ND			
5. Benzene	✓		1	grab	8260B	0.5ug/L	ND			
6. Toluene	✓		1	grab	8260B	1ug/L	ND			
7. Ethylbenzene	✓		1	grab	8260B	2ug/L	ND			
8. (m,p,o) Xylenes	✓		1	grab	8260B	1ug/L	ND			
9. Total BTEX[4]	✓		1	grab	8260B	4.5ug/L	ND			

[4] BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
10. Ethylene Dibromide (1,2- Dibromo-methane)	✓		1	grab	504	0.1ug/L	ND			
11. Methyl-tert-Butyl Ether (MtBE)	✓		1	grab	8260B	2ug/L	1.0			
12. tert-Butyl Alcohol (TBA)	✓		1	grab	8260B	100ugL	ND			
13. tert-Amyl Methyl Ether (TAME)	✓		1	grab	8260B	2ug/L	ND			
14. Naphthalene	✓		1	grab	8260B	5ug/L	ND			
15. Carbon Tetra-chloride	✓		1	grab	8260B	1ug/L	ND			
16. 1,4 Dichlorobenzene	✓		1	grab	8260B	1ug/L	ND			
17. 1,2 Dichlorobenzene	✓		1	grab	8260B	1ug/L	ND			
18. 1,3 Dichlorobenzene	✓		1	grab	8260B	1ug/L	ND			
19. 1,1 Dichloroethane	✓		1	grab	8260B	1ug/L	ND			
20. 1,2 Dichloroethane	✓		1	grab	8260B	1ug/L	ND			
21. 1,1 Dichloroethylene	✓		1	grab	8260B	1ug/L	ND			
22. cis-1,2 Dichloro-ethylene	✓		1	grab	8260B	1ug/L	ND			
23. Dichloromethane (Methylene Chloride)	✓		1	grab	8260B	2ug/L	ND			
24. Tetrachloroethylene	✓		1	grab	8260B	1ug/L	ND			

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily Value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
25. 1,1,1 Trichloroethane	✓		1	grab	8260B	1ug/L				
26. 1,1,2 Trichloroethane	✓		1	grab	8260B	1ug/L				
27. Trichloroethylene	✓		1	grab	8260B	1ug/L				
28. Vinyl Chloride	✓		1	grab	8260B	1ug/L				
29. Acetone	✓		1	grab	8260B	5ug/L				
30. 1,4 Dioxane	✓		1	grab	8260B	25ug/L				
31. Total Phenols	✓		1	grab	3510C	5.3ug/L				
32. Pentachlorophenol	✓		1	grab	3510C	11ug/L				
33. Total Phthalates [5] (Phthalate esthers)	✓		1	grab	3510C	55ug/L				
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✓		1	grab	3510C	11ug/L				
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		✓	1	grab	3510C	0.1ugL	0.14		0.14	.0001
a. Benzo(a) Anthracene		✓	1	grab	3510C	0.05ugL	0.053		0.053	0.00004
b. Benzo(a) Pyrene	✓		1	grab	3510C	0.11ugL				
c. Benzo(b)Fluoranthene		✓	1	grab	3510C	0.05ugL	0.088		0.088	0.00006
d. Benzo(k) Fluoranthene	✓		1	grab	3510C	0.11ugL				
e. Chrysene	✓		1	grab	3510C	0.11ugL				

[5] The sum of individual phthalate compounds.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
f. Dibenzo(a,h) anthracene	✓		1	grab	3510	0.11ugL				
g. Indeno(1,2,3-cd) Pyrene	✓		1	grab	3510	0.11ugL				
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		✓	1	grab	3510	0.11ugL	0.11		0.11	0.0007
h. Acenaphthene	✓		1	grab	3510	0.11ugL				
i. Acenaphthylene	✓		1	grab	3510	0.11ugL				
j. Anthracene	✓		1	grab	3510	0.11ugL				
k. Benzo(ghi) Perylene	✓		1	grab	3510	0.11ugL				
l. Fluoranthene		✓	1	grab	3510	0.11ugL	0.11		0.11	0.0007
m. Fluorene	✓		1	grab	3510	0.11ugL				
n. Naphthalene-	✓		1	grab	3510	0.11ugL				
o. Phenanthrene	✓		1	grab	3510	0.11ugL				
p. Pyrene	✓		1	grab	3510	0.11ugL				
37. Total Polychlorinated Biphenyls (PCBs)	✓		1	grab	608	0.5ug/L				
38. Antimony	✓		1	grab	6010B	6ug/L				
39. Arsenic	✓		1	grab	6010B	5ug/L				
40. Cadmium	✓		1	grab	6010B	4ug/L				
41. Chromium III	✓		1	grab	6010	0.02ugL				
42. Chromium VI	✓		1	grab	7196A	0.01ugL				

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
43. Copper	✓		1	grab	6010B	25ug/l				
44. Lead		✓	1	grab	6010B	40ug/L	11.8		11.8	0.009
45. Mercury	✓		1	grab	7470A	0.2ug/L				
46. Nickel	✓		1	grab	6010B	40ug/L				
47. Selenium	✓		1	grab	6010B	10ug/L				
48. Silver	✓		1	grab	6010B	5ug/L				
49. Zinc		✓	1	grab	6010B	20ug/L	92.4		92.4	0.073
50. Iron		✓	1	grab	6010B	100ug/L	6,170		6,170	4.89
Other (describe):										

c) For discharges where **metals** are believed present, please fill out the following:

Step 1: Do any of the metals in the influent have a **reasonable potential** to exceed the effluent limits in Appendix III (i.e., the limits set at zero to five dilutions)? Y ✓ N	If yes, which metals? Lead, Zinc and Iron
Step 2: For any metals which have **reasonable potential** to exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c) (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metals: No published 7Q10 Values for the discharge point (drainage swale) DF: 0-5	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ✓ N If "Yes," list which metals: Lead, Zinc, Iron

4. Treatment system information. Please describe the treatment system using separate sheets as necessary, including:

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:

The temporay construction dewatering treatment system will consist of a 21,000-gallon fractionation tank for settlement, then groundwater will be pumped through two bag filters connected in series, then through (2) 1,000-lb liquid-phase granulated activated carbon vessels prior to discharge. A schematic of the treatment system is attached.

b) Identify each applicable treatment unit (check all that apply):	Frac. tank ✓	Air stripper	Oil/water separator	Equalization tanks	Bag filter ✓	GAC filter ✓
	Chlorination	Dechlorination	Other (please describe):			

c) Proposed **average** and **maximum flow rates** (gallons per minute) for the discharge and the **design flow rate**(s) (gallons per minute) of the treatment system:
Average flow rate of discharge 30 Maximum flow rate of treatment system 100 Design flow rate of treatment system _____

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):

None

5. Receiving surface water(s). Please provide information about the receiving water(s), using separate sheets as necessary:

a) Identify the discharge pathway:	Direct_____	Within facility__	Storm drain ✓	River/brook____	Wetlands_____	Other (describe):

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:

Accoring to the Framingham Department of PublicWorks and Maaasachusetts Highway Plans,the onsite storm drain discgarges to the local storm drain system, which discharges into a drainage swale approximatley 1,100 feet to the northwest of the subject property. A site locus map showing the discharge point is included as Figure 1. The drainage swale eventually dischargesinto the Foss Reservoir. A current site layout, showing the catch basin and proposed site layout are also attached.

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:
1. For multiple discharges, number the discharges sequentially.
2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water
The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.

d) Provide the state water quality classification of the receiving water A ,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water NA cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes___ No ✓ If yes, for which pollutant(s)?
Pathogens, hypoxia, lead and biodiversity impacts

Is there a TMDL? Yes___ No ✓ If yes, for which pollutant(s)?
Pathogen TMDL being prepared for final submission to EPA. The remaining impairments are sheduled to be completed in 2005-2010.

6. Results of Consultation with Federal Services: Please provide the following information according to requirements of Part I.B.4 and Appendices II and VII.

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes___ No ✓
Has any consultation with the federal services been completed ? No ✓ or is consultation underway? Yes No ✓
What were the results of the consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service (~~check~~ one):
a "no jeopardy" opinion? ___ or written concurrence___ on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat?

b) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility or site or in proximity to the discharge?
Yes___ No ✓ Have any state or tribal historic preservation officer been consulted in this determination (Massachusetts only)? Yes___ No ✓

7. Supplemental information. :

Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit.

8. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility/Site Name: Hess Station 21313, 1701 Worcester Road, Framingham, MA.

Operator signature: [signature] / Envirotrac LTD.

Title: Project Manager

Date: 6/30/06

B. Submission of NOI to EPA - All operators applying for coverage under this General Permit must submit a written Notice of Intent (NOI) to EPA. Signed and completed NOI forms and attachments must be submitted to EPA-NE at:

US Environmental Protection Agency
RGP-NOC Processing
Municipal Assistance Unit (CMU),
1 Congress Street, Suite 1100
Boston, MA 02114-2023

or electronically mailed to NPDES.Generalpermits@epa.gov,
or faxed to the EPA Office at 617-918-0505.

If filling out the suggested NOI form electronically on EPA's website, the signature page must be signed and faxed or mailed to EPA at the phone number or address listed in Section I.B. below.

1. Filing with the states - A copy of any NOI form filed with EPA-NE must also be filed with state agencies. The state agency may elect to develop a state specific form or other information requirements.

a) Discharges in Massachusetts - In addition to the NOI, permit applicants must submit copies of the State Application Form BRPWM 12, Request for General Permit coverage for the RGP. The application form and the Transmittal Form for Permit Application and Payment, may be obtained from the Massachusetts Department of Environmental Protection (MA DEP) website at www.state.ma.us/dep. Municipalities are fee-exempt, but should send a copy of the transmittal form to that address for project tracking purposes. All applicants should keep a copy of the transmittal form and a copy of the application package for their records.

1) A copy of the NOI, the transmittal form, a copy of the check, and Form BRPWM 12 should be sent to:

Massachusetts Department of Environmental Protection
Division of Watershed Management
627 Main Street, 2nd floor
Worcester, MA 01608

2) A copy of the transmittal form and the appropriate fee should be sent to:

Massachusetts Department of Environmental Protection
P.O. Box 4062
Boston, MA 02111

Please note: Applicants for discharges in Massachusetts should note that under 310 CMR 40.000, *as a matter of state law*, the general permit only applies to discharges that are **not** subject to the Massachusetts Contingency Plan (MCP) and 310 CMR 40.000. Therefore, discharges subject to the MCP are **not** required to fill out and submit the State Application Form BRPWM 12 or pay the state fees. However, they must submit a NOI to EPA.

b) Discharges in New Hampshire - applicants must provide a copy of the Notice of Intent to:

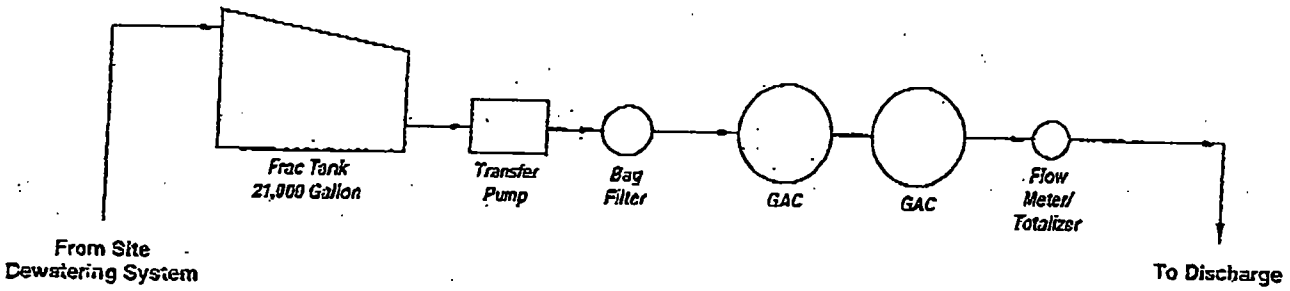
New Hampshire Department of Environmental Services
Water Division
Wastewater Engineering Bureau
P.O. Box 95
Concord, New Hampshire 03302-0095.

2. Filing with Municipalities - A copy of the NOI must be submitted to the municipality in which the proposed discharge would be located.

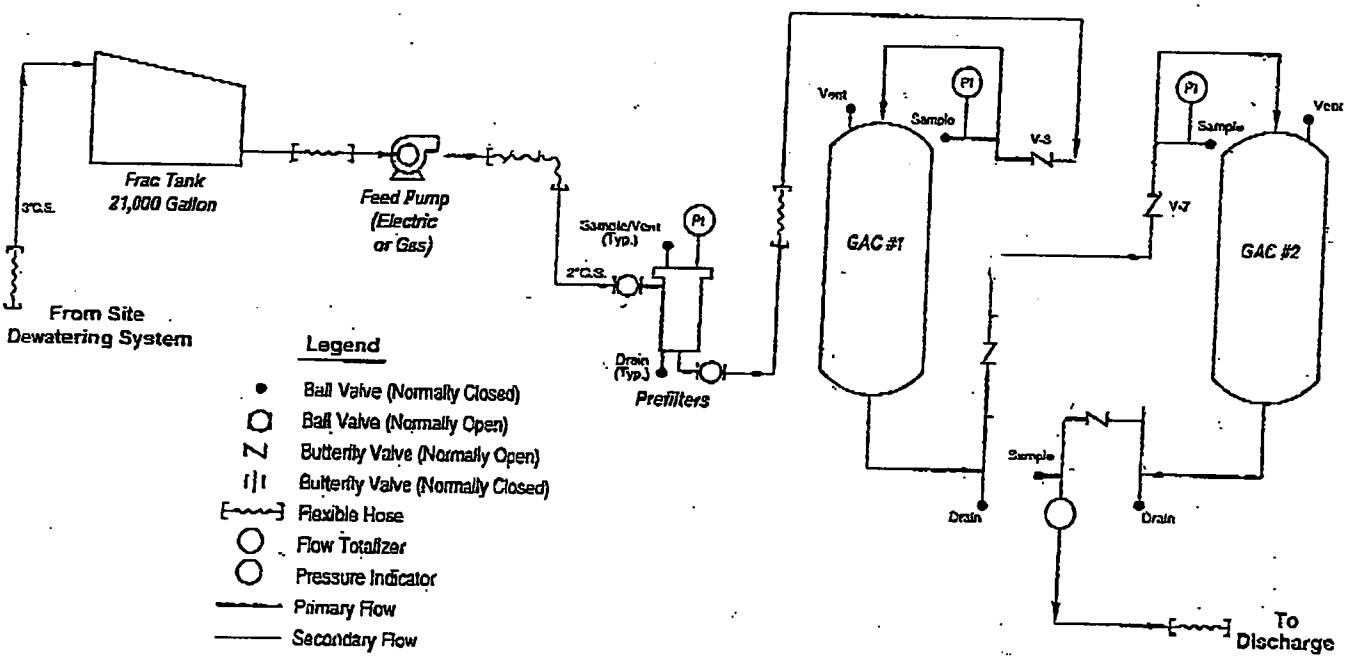
ATTACHMENT B

SERVICE TECH, INC.

Activated Carbon Engineering, Sales and Service



Process Flow Diagram
Dewatering Treatment System (Typical)



ATTACHMENT C

New England ACCUTEST

06/30/06

Technical Report for

EnviroTrac

Hess:#21313 1701 Worcester St., Framingham MA 21313

Accutest Job Number: M56138

Sampling Date: 04/26/06

Report to:

EnviroTrac

SueC@envirotrac.com

ATTN: Sue Cahalan

Total number of pages in report: 19

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Certifications: MA (M-MA136) CT (PH-0109) NH (250204) RI (00071) ME (MA136) FL (E87579) NY (23346) NJ (MA926) NAVY USACE

Table of Contents

Sections: 1 2

Sample Summary

EnviroTrac

Job No: M56138

Hess:#21313 1701 Worcester St., Framingham MA
Project No: 21313

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
M56138-1	04/26/06	10:30 AA	05/02/06	AQ	Ground Water	MW-A
M56138-1A	04/26/06	10:30 AA	05/02/06	AQ	Ground Water	MW-A
M56138-2	04/26/06	10:00 AA	05/02/06	AQ	Trip Blank Water	TRIP BLANK

Sample Results

Report of Analysis

Accutest LabLink@65194 10:27 30-Jun-2006

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P6958.D	1	05/07/06	AMY	n/a	n/a	MSP240
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
108-20-3	Di-Isopropyl ether	ND	2.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
123-91-1	1,4-Dioxane	ND	25	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/l	
75-65-0	Tert Butyl Alcohol	ND	100	ug/l	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	SW846 8260B	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	122%		83-127%
2037-26-5	Toluene-D8	102%		89-112%
460-00-4	4-Bromofluorobenzene	94%		81-119%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F20293.D	1	05/09/06	PN	05/03/06	OP11041	MSF1025
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN PPL List

CAS No.	Compound	Result	RL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	11	ug/l	
120-83-2	2,4-Dichlorophenol	ND	11	ug/l	
105-67-9	2,4-Dimethylphenol	ND	11	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	ug/l	
88-75-5	2-Nitrophenol	ND	11	ug/l	
100-02-7	4-Nitrophenol	ND	21	ug/l	
87-86-5	Pentachlorophenol	ND	11	ug/l	
108-95-2	Phenol	ND	5.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	11	ug/l	
83-32-9	Acenaphthene	ND	5.3	ug/l	
208-96-8	Acenaphthylene	ND	5.3	ug/l	
120-12-7	Anthracene	ND	5.3	ug/l	
92-87-5	Benzidine	ND	21	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.3	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.3	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.3	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.3	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.3	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	ug/l	
85-68-7	Butyl benzyl phthalate	ND	11	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	ug/l	
106-47-8	4-Chloroaniline	ND	11	ug/l	
218-01-9	Chrysene	ND	5.3	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.3	ug/l	
122-66-7	1,2-Diphenylhydrazine	ND	5.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

ABN PPL List

CAS No.	Compound	Result	RL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	5.3	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	11	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	11	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.3	ug/l	
84-74-2	Di-n-butyl phthalate	ND	11	ug/l	
117-84-0	Di-n-octyl phthalate	ND	11	ug/l	
84-66-2	Diethyl phthalate	ND	11	ug/l	
131-11-3	Dimethyl phthalate	ND	11	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	11	ug/l	
206-44-0	Fluoranthene	ND	5.3	ug/l	
86-73-7	Fluorene	ND	5.3	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	ug/l	
67-72-1	Hexachloroethane	ND	5.3	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.3	ug/l	
78-59-1	Isophorone	ND	5.3	ug/l	
91-20-3	Naphthalene	ND	5.3	ug/l	
98-95-3	Nitrobenzene	ND	5.3	ug/l	
62-75-9	n-Nitrosodimethylamine	ND	5.3	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	ug/l	
85-01-8	Phenanthrene	ND	5.3	ug/l	
129-00-0	Pyrene	ND	5.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		15-110%
4165-62-2	Phenol-d5	31%		15-110%
118-79-6	2,4,6-Tribromophenol	63%		21-110%
4165-60-0	Nitrobenzene-d5	53%		30-120%
321-60-8	2-Fluorobiphenyl	54%		35-120%
1718-51-0	Terphenyl-d14	48%		31-120%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	EPA 504 EPA 504	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ34575.D	1	05/08/06	CZ	05/08/06	OP11074	GYZ1406
Run #2							

	Initial Volume	Final Volume
Run #1	35.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.015	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	Bromofluorobenzene (S)	99%		26-158%
460-00-4	Bromofluorobenzene (S)	97%		26-158%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@65194 10:27 30-Jun-2006

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	EPA 608 EPA 608	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB7310.D	1	05/08/06	ME	05/03/06	OP11046	GBB304
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.50	ug/l	
11104-28-2	Aroclor 1221	ND	0.50	ug/l	
11141-16-5	Aroclor 1232	ND	0.50	ug/l	
53469-21-9	Aroclor 1242	ND	0.50	ug/l	
12672-29-6	Aroclor 1248	ND	0.50	ug/l	
11097-69-1	Aroclor 1254	ND	0.50	ug/l	
11096-82-5	Aroclor 1260	ND	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		44-132%
877-09-8	Tetrachloro-m-xylene	79%		44-132%
2051-24-3	Decachlorobiphenyl	104%		12-151%
2051-24-3	Decachlorobiphenyl	95%		12-151%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
		Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 6.0	6.0	ug/l	1	05/04/06	05/09/06	HBM	SW846 6010B [3]	SW846 3010A [4]
Arsenic	< 5.0	5.0	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Cadmium	< 4.0	4.0	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Copper	< 25	25	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Iron	6170	100	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Lead	11.8	5.0	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	05/09/06	05/09/06	MA	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 40	40	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Silver	< 5.0	5.0	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]
Zinc	92.4	20	ug/l	1	05/04/06	05/05/06	PY	SW846 6010B [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA6917
(2) Instrument QC Batch: MA6923
(3) Instrument QC Batch: MA6924
(4) Prep QC Batch: MP8581
(5) Prep QC Batch: MP8599

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
		Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent [a]	< 0.010	0.010	mg/l	1	05/03/06 09:15	MA	SW846 7196A
Chromium, Trivalent [b]	< 0.020	0.020	mg/l	1	05/05/06 12:18	PY	SW846 6010/7196A M
Cyanide	< 0.010	0.010	mg/l	1	05/08/06 11:47	MA	EPA 335.3
Oil And Grease, Gravimetric	< 4.2	4.2	mg/l	1	05/05/06	BF	EPA 1664
Phenols	< 0.050	0.050	mg/l	1	05/09/06	BF	EPA 420.1
Solids, Total Suspended	267	4.0	mg/l	1	05/03/06	BF	EPA 160.2
Total Residual Chlorine [a]	0.35	0.050	mg/l	1	05/06/06	CF	EPA 330.4
pH	6.5		su	1	05/02/06 18:30	SAP	EPA 150.1

(a) Sample received outside the holding time.
(b) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Accutest LabLink@65194 10:27 30-Jun-2006

Report of Analysis

Client Sample ID:	MW-A		
Lab Sample ID:	M56138-1A	Date Sampled:	04/26/06
Matrix:	AQ - Ground Water	Date Received:	05/02/06
Method:	SW846 8270C BY SIM SW846 3510C	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	E28890.D	1	05/09/06	PN	05/03/06	OP11049	MSE1424
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	Units	Q
87-86-5	Pentachlorophenol	ND	1.1	ug/l	
83-32-9	Acenaphthene	ND	0.11	ug/l	
208-96-8	Acenaphthylene	ND	0.11	ug/l	
120-12-7	Anthracene	ND	0.11	ug/l	
56-55-3	Benzo(a)anthracene	0.054	0.053	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.11	ug/l	
205-99-2	Benzo(b)fluoranthene	0.088	0.053	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.11	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.11	ug/l	
218-01-9	Chrysene	ND	0.11	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.11	ug/l	
206-44-0	Fluoranthene	0.11	0.11	ug/l	
86-73-7	Fluorene	ND	0.11	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.11	ug/l	
91-20-3	Naphthalene	ND	0.11	ug/l	
85-01-8	Phenanthrene	ND	0.11	ug/l	
129-00-0	Pyrene	ND	0.11	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		15-110%
4165-62-2	Phenol-d5	38%		15-110%
118-79-6	2,4,6-Tribromophenol	75%		15-110%
4165-60-0	Nitrobenzene-d5	66%		30-126%
321-60-8	2-Fluorobiphenyl	69%		30-120%
1718-51-0	Terphenyl-d14	59%		23-128%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@65194 10:27 30-Jun-2006

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	M56138-2	Date Sampled:	04/26/06
Matrix:	AQ - Trip Blank Water	Date Received:	05/02/06
Method:	EPA 504 EPA 504	Percent Solids:	n/a
Project:	Hess:#21313 1701 Worcester St., Framingham MA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ34576.D	1	05/08/06	CZ	05/08/06	OP11074	GYZ1406
Run #2							

	Initial Volume	Final Volume
Run #1	34.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.015	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	Bromofluorobenzene (S)	107%		26-158%
460-00-4	Bromofluorobenzene (S)	101%		26-158%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST Laboratories

495 TECHNOLOGY CENTER WEST • BUILDING ONE
MARLBOROUGH, MA 01752
TEL: 508-481-6200 • FAX: 508-481-7753

ACCUTEST JOB #: M56138
ACCUTEST QUOTE #:

CLIENT INFORMATION
NAME: EnviroTrac Ltd.
ADDRESS: 1400 Providence Highway, Suite 2100
CITY: Norwood STATE: MA ZIP: 02062
SEND REPORT TO: Sue Cahalan
PHONE #: 781 769-5005

FACILITY INFORMATION
PROJECT NAME: Hess 21313
LOCATION: 1701 Worcester St.
PROJECT NO.: Framingham, MA
FAX #: 781 769-9845

ANALYTICAL INFORMATION

MATRIX CODES
DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	5 Vials	8260 + oxygenates + 1,4 Dioxane	8270 ppL ; EDB via EPA 504	PCBs via EPA 608	Total: Sb, As, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Se, Ag, Zn	Hexavalent Cr, Cr+3	Total Cyanide, EPA 335.4	TPH via EPA 1664	Phenols, TRC, pH	TSS via EPA 160.2	8270 SIM Spec. List	LAB USE ONLY
-1	MW-A	4/26/06	10:30	AA	GW	16	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	
-2	Trip Blank	4/26/06	—	RS	GW	2						X		X*										

DATA TURNAROUND INFORMATION
- ☐ 14 DAYS STANDARD
- ☒ 7 DAYS *RUSH*
- ☐ 48 HOUR EMERGENCY
- ☐ OTHER

APPROVED BY: _____

14 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION
- ☐ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☐ OTHER (SPECIFY) 4A, 7D, 11D, 4D7, 6E

COMMENTS/REMARKS
* Trip Blank For EDB EPA 504 only
Bill Hess Direct - Station # 21313
Include Chromatograms

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY/SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	4/26/06 11:30	1. Secure ET Fridge	2.	5/4/06 10:20	2.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
3.	5/2/06 2:45	3.	4.		4.
RELINQUISHED BY:	DATE TIME:	RECEIVED BY:	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE 2.2 °C
5.		5.			

M56138: Chain of Custody
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