ecs WHERE BUSINESS AND THE ENVIRONMENT CONVERGE

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MAG910365

Ann Herrick
US Environmental Protection Agency
Industrial NPDES Permits (CIP)
1 Congress Street
Suite 100
Boston, MA 02114-2023

May 20, 2008
Project No. 01-209708
Document No. 35623

RE: Excavation Dewatering Discharge
30 Conway Street
Buckland, Massachusetts

Dear Ms. Herrick:

On behalf of Rice Oil Co., Inc. (ROC) and Inergy Propane LLC (IP), Environmental Compliance Services, Inc. (ECS) has prepared the attached Notice of Intent (NOI) and supporting documentation for the Remediation General Permit (RGP) for the property located at 30 Conway Street, Buckland, Massachusetts. On April 7, 2008, D.T.S Realty, Inc, a real estate holding company operated by ROC, sold the subject property to Inergy Propane LLC. As a condition of the sale ROC is installing a 5,000 gallon gross capacity oil water separator for Site storm water. The separator is being integrated into the Site's existing storm drainage system and will neither change the existing runoff flow rates from the Site or constitute a new discharge point. Groundwater at the Site is located approximately 3 feet below the ground surface. Excavation for the separator installation will require excavation to approximately 12 feet below the ground surface. It is anticipated that dewatering of the excavation will be required for a period of approximately 1 week beginning on approximately July 7, 2008. It is anticipated that the water will be processed through particulate filters and a two stage activated carbon system prior to discharging to the Deerfield River. A Site Locus is included as Figure 1 and a Site Plan depicting the approximate work area and storm water discharge routing is included as Figure 2.

If there are any questions regarding this submittal, please contact the undersigned at (413) 789-3530.

Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Richard A. Starodoj
Environmental Analyst

Daniel W. Felten, P.E., LSP, LEP
Principal

RAS/DWF/kab
Attachments

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:

a) Name of **facility/site:** Rice Oil and Propane		**Facility/site address:** Rice Oil and Propane		
Location of **facility/site:** Buckland, MA longitude: 72d 44' 22" latitude: 42d 36' 03"	Facility SIC code(s): 5983,1711	Street: 30 Conway Street		
b) Name of **facility/site owner:** Inergy Propane, LLC		Town: Buckland, MA		
Email address of owner: tveber@ricecompanies.com		State: MA	Zip: 01338	County: Franklin
Telephone no. of facility/site **owner:** 413-223-8570				
Fax no. of facility/site **owner:**		**Owner** is (check one): 1. Federal____ 2. State/Tribal____ 3. Private_____ 4. other, if so, describe:		
Address of **owner** (if different from site):				
Street: Two Brush Creek Blvd				
Town: Kansas City	State: Missouri	Zip: 64112	County:	
c) Legal name of **operator:** Rice Oil Co., Inc. (and) ECS, Inc.		**Operator** telephone no: 413-772-0227 (and) 413-789-3530		
		Operator fax no.: 413-789-2776	**Operator** email:	
Operator contact name and title: Rice Oil Co., Inc (and) ECS, Inc. (Dan Felten) Director of Remediation Services				
Address of **operator** (if different from owner):		Street: 34 Montague City Rd. (and) 588 Silver Street		
Town: Greenfield (and) Agawam	State: MA	Zip: 01301 (and) 01001	County: Franklin (and) Hampden	

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:

Construction Dewatering Discharge

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, ft3/s)? Max. flow 0.11 Average flow 0.11 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.

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. 72d 44' 22" lat. 42d 36'03"; 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 06/30/08 end 08/01/08

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		✔	g	g	SM2543	20000	30000		120,000	
2. Total Residual Chlorine	✔		1	g	Hach 8167	0.20	.20			
3. Total Petroleum Hydrocarbons	✔		1	g	8100m	.2	.5			
4. Cyanide		✔	1	g	sm4500	10	5.2		18	
5. Benzene	✔		1	g	8260b	1	5			
6. Toluene	✔		1	g	8260b	1	5			
7. Ethylbenzene	✔		1	g	8260b	1	5			
8. (m,p,o) Xylenes	✔		1	g	8260b	2	5			
9. Total BTEX[4]	✔		1	g	8260b	2	100			

[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 [5] (1,2- Dibromo-methane)	✔		1	g	8260b	0.5	0.05			
11. Methyl-tert-Butyl Ether (MtBE)		✔	1	g	8260b	1	70		1.1	
12. tert-Butyl Alcohol (TBA)	✔		1	g	8260b	10	NA			
13. tert-Amyl Methyl Ether (TAME)	✔		1	g	8260b	1	1			
14. Naphthalene	✔		1	g	8260b	1	20			
15. Carbon Tetra-chloride	✔		1	g	8260b	1	4.4			
16. 1,4 Dichlorobenzene	✔		1	g	8260b	1	5			
17. 1,2 Dichlorobenzene	✔		1	g	8260b	1	600			
18. 1,3 Dichlorobenzene	✔		1	g	8260b	1	320			
19. 1,1 Dichloroethane	✔		1	g	8260b	1	70			
20. 1,2 Dichloroethane	✔		1	g	8260b	1	5			
21. 1,1 Dichloroethylene	✔		1	g	8260b	1	3.2			
22. cis-1,2 Dichloro-ethylene	✔		1	g	8260b	1	70			
23. Dichloromethane (Methylene Chloride)	✔		1	g	8260b	5	4.6			
24. Tetrachloroethylene	✔		1	g	8260b	1	5			

[5] EDB is a groundwater contaminant at fuel spill and pesticide application sites in New England.

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	g	8260b	1	200			
26. 1,1,2 Trichloroethane	✔		1	g	8260b	1	5			
27. Trichloroethylene	✔		1	g	8260b	1	5			
28. Vinyl Chloride	✔		1	g	8260b	1	2			
29. Acetone	✔		1	g	8260b	1	NA			
30. 1,4 Dioxane	✔		1	g	8260b	1	NA			
31. Total Phenols	✔		1	g	8270c	10	300			
32. Pentachlorophenol	✔		1	g	8270c	20	1			
33. Total Phthalates[6] (Phthalate esthers)	✔		1	g	8270c	5.88	3			
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔		1	g	8270c	23.5	6			
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	g	8270c	5.88	10			
a. Benzo(a) Anthracene	✔		1	g	8270c	5.88	5.88			
b. Benzo(a) Pyrene	✔		1	g	8270c	5.88	5.88			
c. Benzo(b)Fluoranthene	✔		1	g	8270c	5.88	5.88			
d. Benzo(k) Fluoranthene	✔		1	g	8270c	5.88	5.88			
e. Chrysene	✔		1	g	8270c	5.88	5.88			

[6]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	g	8270c	5.88	5.88			
g. Indeno(1,2,3-cd) Pyrene	✔		1	g	8270c	5.88	5.88			
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	g	8270c	5.88	100			
h. Acenaphthene	✔		1	g	8270c	5.88	1			
i. Acenaphthylene	✔		1	g	8270c	5.88	10			
j. Anthracene	✔		1	g	8270c	5.88	10			
k. Benzo(ghi) Perylene	✔		1	g	8270c	5.88	5			
l. Fluoranthene	✔		1	g	8270c	5.88	1			
m. Fluorene	✔		1	g	8270c	5.88	10			
n. Naphthalene-	✔		1	g	8270c	5.88	2			
o. Phenanthrene	✔		1	g	8270c	5.88	5			
p. Pyrene	✔		1	g	8270c	5.88	10			
37. Total Polychlorinated Biphenyls (PCBs)	✔		1	g	8082	0.50	0.5			
38. Antimony	✔		1	g	6010b	5.6	5.6			
39. Arsenic	✔		1	g	6010b	10	10			
40. Cadmium	✔		1	g	6010b	0.2	0.2			
41. Chromium III	✔		1	g	calc	48.8	48.8			
42. Chromium VI	✔		1	g	3500	11.4	11.4			

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	g	6010b	5	5.2			
44. Lead		✔	1	g	6020	0.5	1.3		0.6	
45. Mercury	✔		1	g	245.1	0.2	0.9			
46. Nickel	✔		1	g	6010b	4	29			
47. Selenium	✔		1	g	6010b	15	5			
48. Silver	✔		1	g	6010b	5	1.2			
49. Zinc		✔	1	g	6010b	5	66.6		7.2	
50. Iron		✔	1	g	6010b	15	1,000		40,100	
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?
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:_____ DF: 519	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:

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:						
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 50 Maximum flow rate of treatment system 50 Design flow rate of treatment system 50						
d) A description of chemical additives being used or planned to be used (attach MSDS sheets): NA						

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: Catchbasin to municipal stormwater system discharges appox 200 feet away to Deerfield River						
c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water: 1. For multiple dischargers, 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 B,						
e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 57 based on POTW located downstream 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)? Is there a TMDL? Yes____ No ✔ If yes, for which pollutant(s)?						

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 ? Yes___ 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: Rice Oil and Propane

Operator signature: Terry Vel

Title: Branch Manager

Date: 6/3/08