MAG 9/025

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**: Kempton Road Site - MADEP		**Facility/site** address:		
Location of **facility/site**: longitude:__42 02 47___ latitude:_71 35 13	Facility SIC code(s):	Street: 117 Kempton Road		
b) Name of **facility/site owner:** See Section 7, Note #5		Town: Millville		
Email address of owner: MADEP Email: Paul.Ollila@state.ma.us		State: MA	Zip: 01529	County:
Telephone no.of facility/site **owner**:				
Fax no. of facility/site **owner**:		**Owner** is (check one): 1. Federal____ 2. State/Tribal_____ 3. Private_____ 4. other, if so, describe: See section 7 note 5		
Address of **owner** (if different from site):				
Street:				
Town:	State:	Zip:	County:	
c) Legal name of **operator**: Clean Harbors Environmental Services	**Operator** telephone no: (781) 849-1800			
	Operator fax no.: (781) 794-1760	**Operator** email: bierlyj@cleanharbors.com		
Operator contact name and title: Jason Bierly Title: Senior Remediation Engineer				

Address of **operator** (if different from owner):	Street: 1501 Washington Street		
Town: Braintree	State: MA	Zip: 02184	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:

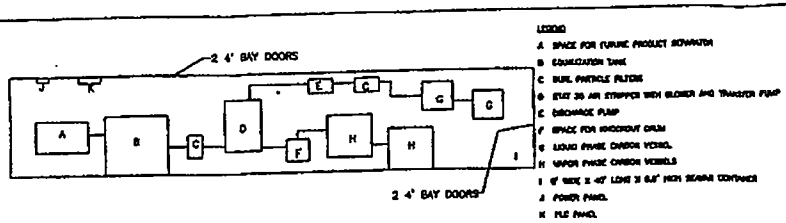
a) Describe the discharge activities for which the owner/applicant is seeking coverage:

The site consists of a former "midnight-dumping" area on Kempton Road in Millville, MA. The groundwater treatment system consists of eight recovery wells with respective groundwater extraction pumps, one equalization tank, two bag filter units, an air stripper, two liquid-phase granular activated carbon (LGAC) units and two vapor-phase (VGAC) units. Treated water is discharged to a local stormwater manhole which drains to an intermittent stream along Conestoga Drive which ultimately empties into the Blackstone River.

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 .022 Average flow 2.3 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. average flow is in gallons per minute

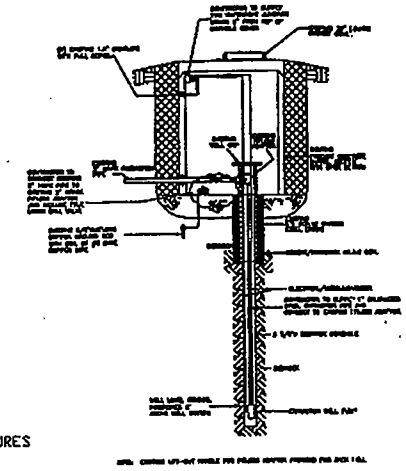
3) Latitude and longitude of each discharge within 100 feet: pt.1:long. 42 02 53_ lat._71 35 31_____; pt.2: long._____ lat._____; pt.3: long._____ lat._____; pt.4:long._____ lat._____; pt.5: long._____ lat._____; pt.6:long._____ lat._____; pt.7: long._____ lat._____; pt.8:long._____ lat._____; etc.

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 03/20/00 end_____	
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).	

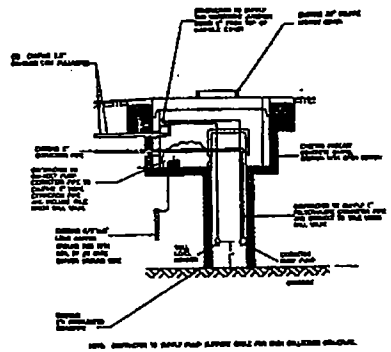


LEGEND
- A SPACE FOR FUTURE PRODUCT SKIMMER
- B EQUALIZATION TANK
- C DUAL PARTICLE FILTER
- D STAT 35 AIR STRIPPER WITH BLOWER AND TRANSFER PUMP
- E DISCHARGE PUMP
- F SPACE FOR KNOCKOUT DRUM
- G LIQUID PHASE CARBON VESSEL
- H VAPOR PHASE CARBON VESSELS
- I 8' WIDE X 40' LONG X 8.6' HIGH SEA/AN CONTAINER
- J POWER PANEL
- K FILE PANEL

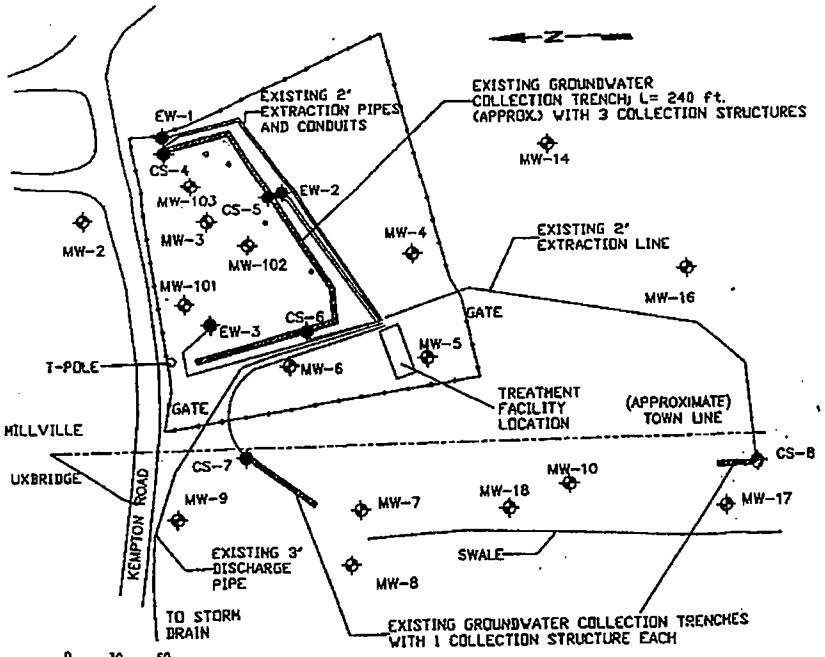
PROPOSED PACKAGED GROUNDWATER TREATMENT SYSTEM (D)
N.T.S.

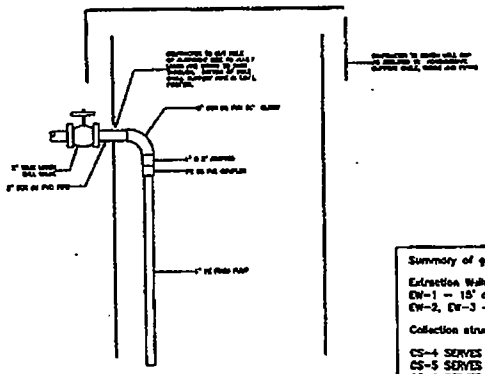


BEDROCK EXTRACTION WELL (A)
N.T.S.



COLLECTION STRUCTURE (B)
N.T.S.





STANDPIPE PENETRATION DETAIL (C)
N.T.S.

Summary of groundwater sources

Extraction Wells
EW-1 – 15' of open borehole in bedrock
EW-2, EW-3 – 20' of open borehole in bedrock

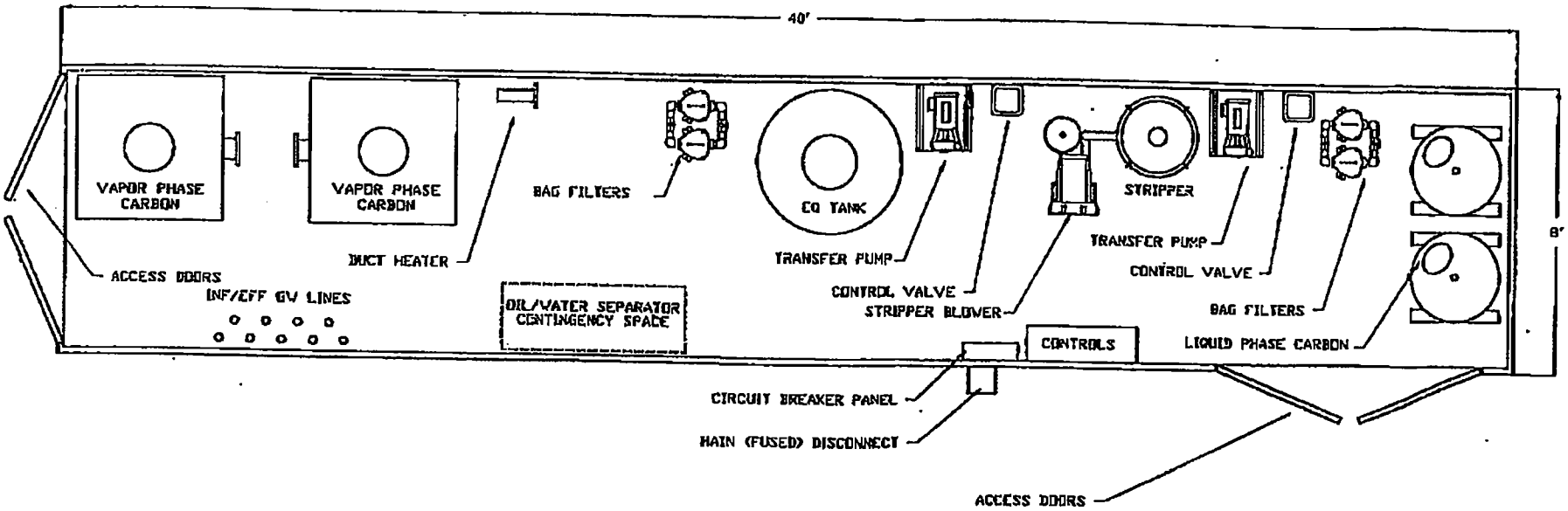
Collection structures
CS-4 SERVES 36' OF COLLECTION TRENCH
CS-5 SERVES 115' OF COLLECTION TRENCH
CS-6 SERVES 78' OF COLLECTION TRENCH
CS-7 SERVES 50' OF COLLECTION TRENCH
CS-8 SERVES 20' OF COLLECTION TRENCH

HI A

MADEP
KEMPTON ROAD
MILLVILLE, MASSACHUSETTS

GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
SITE PLAN AND DETAILS

44623 03174011 C-101 0



HLA Harding Lawson Associates

FIGURE 4
SCHEMATIC OF PROPOSED GROUNDWATER TREATMENT SYSTEM WITH RECOMMENDED OFF-GAS CONTROL
KEMPTON ROAD SITE
MILLVILLE, MASSACHUSETTS

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		✔	0							
2. Total Residual Chlorine	✔		0							
3. Total Petroleum Hydrocarbons		✔	0							
4. Cyanide	✔		0							
5. Benzene	✔		7	grab	624	5µg/L	<125		<125	
6. Toluene		✔	7	grab	624	5µg/L	322		220	
7. Ethylbenzene		✔	7	grab	624	5µh/L	178		<125	
8. (m,p,o) Xylenes		✔	7	grab	624	5µg/L	634		425	
9. Total BTEX[4]		✔	7	grab	624	5µg/L	1,134		824	

[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)	✔									
11. Methyl-tert-Butyl Ether (MtBE)	✔		7	grab	624		<125		<125	
12. tert-Butyl Alcohol (TBA)	✔									
13. tert-Amyl Methyl Ether (TAME)	✔									
14. Naphthalene	✔									
15. Carbon Tetra-chloride	✔		7	grab	624	5µg/L	<125		<125	
16. 1,4 Dichlorobenzene	✔		7	grab	624	5µg/L	<125		<125	
17. 1,2 Dichlorobenzene	✔		7	grab	624	5µg/L	<125		<125	
18. 1,3 Dichlorobenzene	✔		7	grab	624	5µg/L	<125		<125	
19. 1,1 Dichloroethane		✔	7	grab	624	5µg/L	<125		<125	
20. 1,2 Dichloroethane		✔	7	grab	624	5µg/L	<125		<125	
21. 1,1 Dichloroethylene		✔	7	grab	624	5µg/L	4,500		1,659	
22. cis-1,2 Dichloro-ethylene		✔	7	grab	624	5µg/L	<125		<125	
23. Dichloromethane (Methylene Chloride)		✔	7	grab	624	5µg/L	939		<250	
24. Tetrachloroethylene		✔	7	grab	624	5µg/L	38500		12749	

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		✔	7	grab	624	5µg/L	9,070		3,250	
26. 1,1,2 Trichloroethane	✔		7	grab	624	5µg/L	<125		<125	
27. Trichloroethylene		✔	7	grab	624	5µg/L	15000		5,793	
28. Vinyl Chloride		✔	7	grab	624	5µg/L	<250		<250	
29. Acetone		✔	7	grab	624	5µg/L	<500		<500	
30. 1,4 Dioxane	✔			see note#3						
31. Total Phenols	✔									
32. Pentachlorophenol	✔									
33. Total Phthalates [5] (Phthalate esthers)	✔									
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔									
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✔									
a. Benzo(a) Anthracene	✔									
b. Benzo(a) Pyrene	✔									
c. Benzo(b)Fluoranthene	✔									
d. Benzo(k) Fluoranthene	✔									
e. Chrysene	✔									

[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	✔									
g. Indeno(1,2,3-cd) Pyrene	✔									
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✔									
h. Acenaphthene	✔									
i. Acenaphthylene	✔									
j. Anthracene	✔									
k. Benzo(ghi) Perylene	✔									
l. Fluoranthene	✔									
m. Fluorene	✔									
n. Naphthalene-	✔									
o. Phenanthrene	✔									
p. Pyrene	✔									
37. Total Polychlorinated Biphenyls (PCBs)	✔									
38. Antimony										
39. Arsenic										
40. Cadmium										
41. Chromium III										
42. Chromium VI										

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										
44. Lead										
45. Mercury										
46. Nickel										
47. Selenium										
48. Silver										
49. Zinc										
50. Iron		✔								
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: _____	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:

The groundwater treatment system consists of eight recovery wells with respective groundwater extraction pumps, one equalization tank, two bag filter units, an air stripper, two liquid-phase granular activated carbon (LGAC) units and two vapor-phase (VGAC) units.

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 4.5 Maximum flow rate of treatment system 10.0 Design flow rate of treatment system 10.0

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:

Treated water is discharged to a local stormwater manhole that drains to an intermittent stream along Conestoga Drive, which ultimately empties into the Blackstone River

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_____,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water N/A 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)?
BLACKSTONE RIVER (non-direct discharge) - unknown toxicity, priority organics, metals, nutrients, pH, pathogens, taste odor and color, suspended solids, turbidity

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.

1. Copy of the March 20, 2000 NPDES Exclusion Letter is attached.

2. Per the NPDES exclusion, groundwater samples have been collected from the treatment system influent and effluent for Oil & Grease by EPA 413.2. Historically Oil & Grease has never appeared in the sample results. However, Oil & Grease was reported in the influent and effluent at 4.70 and 4.60 mg/L, respectively in samples collected during the last sampling round. Due to other operational issues, the system was shut down prior to receipt of these sample results and has not been reactivated. These results will be evaluated based on sample results after the system is restarted.

3. Remediation system is currently shut down pending Vapor Phase Activated Carbon Unit replacement. Influent samples will be analyzed for all parameters listed in Appendix III when the system is restarted. Results will be reported to the EPA as soon as they are available.

4. Analytical results of samples collected from the system influent and effluent for 2005 are attached.

5. Site is a state funded cleanup site with oversight from the Massachusetts Department of Environmental Protection. Current site owner has no involvement in the operation of the treatment system.

JNIT ;TAT ENVI IME! L PR :CTI(\GE!
IEGI(
J(F. KE :DY F RAL DING
BC IN, M ACHI TS ( )-000

200

Di: Bel eau
sac) etts part .t o: wir ente rote .on
Ma: Stre
cesi . MA 160(

] SS I dit lus: for 'oun :er edi. on ; Kemp , Ro in
| Lvil MA
] SS F it] .usi Refe ce { ·075

r M Bell au:

ed inf ati. pro' d } Mr. ward in } in, Ha: ig] ion
oci s,), pran ou, :sua to ' .e 4 of t Cod f F :al
ula as, t 12 (d), clu: t fr he : ire: : fo per und :he
:ion Pol ant isch e ! ina' a S em DES in der iat
ound er r diat may gin a ti y fa on a he r ren loc on.

jec o ot cor ls ! : may es' Lish oy t Stat f Ma .chu :s,
l th own Mil lle, u a: uth zed dis :ge to] all of
ate ate: r m :e, ough syst con: ing grc wat: lepr ion
din o a fi: :, e Liza n ta ai: rip and anu: act ted
:bon ltr: m s em (ed a topr ely th itic ted w), ior
dis rge o a rm done r d: age stem adir o th lac one er.
e di arg ist done , ad lanc ith , fo wing ovi is:

dis rge oil uffi nt caus sh (a afir in CFR
), rs the inag yst. Th isch e o: she of c or
oli: cor tute n o spil nd : be port im iate to
Na al pon: ent (NRC t (I 42 802.

uri pro ion: re nta t assu th: sys fa re,
dal , o the: ncic wi be ires in tin fa on,
ven g t los: f o or tam: ed er the orm ter
ina syst

pli and lys: in ord: wi EPA, hod: ust per med
: th olle g c ical ith li 1. li s b r ap cabl

:al role Hyd arbc 5 p

izen 5 p
luen *
nyl zen *
lene *
a tc fo nze Tol e, ----
yl zene nd X nes TEX) 00 p

ichl eth e ( ) 5 p
trac roe lene (p) 5 p
chlc eth (Me lene lor) 5 p

'oxi	I							E	31-.	)5			
LIEI		;an H	rs				Clier	mple	Infl				
ab O	:	)117						Num					
rojec		llvill					Co	ion D	1/19	5 3:3	PM		
ab IE		)117	A					Mai	AQI	US			
nalys				R		RL	I Ur		DF	Dat	alyzec		
JRGI	.ES				E6						alyst:		
1,1,1-	broeth					500	µg/		100	1/28/2	9:14:0C		
1,1,2,:	achlo	ane				500	µg/		100	1/28/2	9:14:0C		
1,1,2-	broeth					500	µg/		100	1/28/2	9:14:00		
1,1-Di	ethar					500	µg/		100	1/28/2	9:14:00		
1,1-Di	ether					500	µg/		100	1/28/2	9:14:00		
1,2-Di	benze					500	µg/		100	1/28/2	9:14:00		
1,2-Di	ethan					500	µg/		100	1/28/2	9:14:00		
1,2-Di	propa					500	µg/		100	1/28/2	9:14:00		
1,3-Di	benze					500	µg/		100	1/28/2	9:14:00		
,4-Di	benze					500	µg/		100	1/28/2	9:14:00		
2-Buta						500	µg/		100	1/28/2	9:14:00		
2-Chlo	yl viny	r				000	µg/		100	1/28/2	9:14:00		
2-Hexa						500	µg/l		100	1/28/2	9:14:00		
4-Meth	Pentar					500	µg/l		100	1/28/2	:14:00		
Acetor						500	µg/l		100	1/28/2	:14:00		
Acrolei						000	µg/l		100	1/28/2	:14:00		
Acrylor						000	µg/l		100	1/28/2	:14:00		
Benzer						000	µg/l		100	/28/2	:14:00		
Bromo	romet					500	µg/l		100	/28/2	:14:00		
Bromo						500	µg/l		100	/28/2	:14:00		
Bromo	ine					500	µg/l		100	/28/2	:14:00		
Carbor	lfide					500	µg/l		100	/28/2	:14:00		
Carbor	chlori					500	µg/l		100	/28/2	:14:00		
Chlorol	ne					500	µg/l		100	/28/2	:14:00		
Chloro	e					500	µg/l		100	/28/2	14:00		
Chlorof						500	µg/L		100	/28/2	14:00		
Chloro	ine					500	µg/L		100	/28/2	14:00		
cis-1,3-	dropro					500	µg/L		100	/28/2	14:00		
Dibrom	romet					500	µg/L		100	/28/2	14:00		
Dichlor	drome	e				500	µg/L		100	/28/2	14:00		
Ethylbe	e					500	µg/L		100	/28/2	14:00		
Methyle	loride					500	µg/L		100	/28/2	14:00		
Styrene						100	µg/L		100	/28/2	14:00		
Tetrach	thene			8		500	µg/L		100	/28/2	14:00		
Toluene						500	µg/L		100	/28/2	14:00		
trans-1,	hlorop	ne				500	µg/L		100	/28/2	14:00		
Trichlor	ne			2		500	µg/L		100	/28/20	14:00		
Trichlor	ometh					00	µg/L		100	/28/20	14:00		
Vinyl Ac						00	µg/L		100	/28/20	14:00		
Qualifier	N	Not De	at the	ting L			- Spil	overy	le acce	ecover	ts		
	J	Analyte d	l belov	ntitatic	ts		. - RPI	ide ac	recov	nits			
	I	olution	r				- Val	ve qu	ion ra				
	*	ue exc	Maxim	ontami	Level		L - Re	g Lim					

'oxi	ı							D	31-.	)5			
LIEI		;an F:	rs				Clier	mple	Infh				
ab O	:	)117						Num					
rojec		llvill					Co	ion D	1/19	5 3:3	PM		
ab II		)117	A					Ma	AQ	US			
nalys				R		RL	l Ur		DF	Dat	alyzec		
JRGI	.ES				E6						alyst:		
Vinyl	de					500	µg/		100	1/28/2	3:14:0C		
Total	chlorc	ıe				500	µg/		100	1/28/2	3:14:0C		
Total	es					500	µg/		100	1/28/2	3:14:0C		
IL AN	REAS	/R, B			E4						alyst:		
Oil &	ıe, Tol	cover				1.0	mg		1	1/31/2			

ıalifie		Not D	l at th	›rting			S - Sp	:overy	:de acc	recov	iits		
		alyte c	:d belc	ımtitati	iits		R - RF	side a	d reco	mits			
		)ilutio	or				E - Va	ove qu	:tion ra				
		.lue ex	Maxir	Contan	Level		RL - R	ing Lii				e 6 of	

oxi	I							D	31-.	)5			
LIEI		ean H	rs				Clien	mple	GA(	F			
ab O	:	)117						Num					
rojec		llvill					Co	ion D	1/19	5 3:3	PM		
ab II		)117	A					Mai	AQI	US			
nalys				R		RL	I Ui		DF	Dat	alyzec		
JRGI	.ES				E6						alyst:		
1,1,1-	oroeth					5.0	µg/		1	1/28/2	):43:00		
1,1,2,	achlo	ane				5.0	µg/		1	1/28/2	):43:00		
1,1,2-	oroeth					5.0	µg/		1	1/28/2	):43:00		
1,1-Di	ethar					5.0	µg/		1	1/28/2	):43:00		
1,1-Di	ether					5.0	µg/		1	1/28/2	):43:00		
1,2-Di	ibenz					5.0	µg/		1	1/28/2	):43:00		
1,2-Di	ethar					5.0	µg/		1	1/28/2	):43:00		
1,2-Di	ipropa					5.0	µg/		1	1/28/2	):43:00		
1,3-Di	ibenz					5.0	µg/		1	1/28/2	):43:00		
1,4-Di	ibenz					5.0	µg/		1	1/28/2	):43:00		
2-Buta						10	µg/		1	1/28/2	):43:00		
2-Chl	yl viny	ar				5.0	µg/		1	1/28/2	):43:00		
2-Hex						5.0	µg/		1	1/28/2	):43:00		
4-Met	Penta					5.0	µg/		1	1/28/2	):43:00		
Aceto						10	µg/		1	1/28/2	):43:00		
Acrole						50	µg/		1	1/28/2	):43:00		
Acrylo						10	µg/		1	1/28/2	):43:00		
Benze						5.0	µg/		1	1/28/2	):43:00		
Bromc	rome					5.0	µg/		1	1/28/2	:43:00		
Bromc						5.0	µg/		1	1/28/2	:43:00		
Bromc	ane					5.0	µg/		1	1/28/2	:43:00		
Carbo	ilfide					5.0	µg/		1	1/28/2	:43:00		
Carbo	ichlori					5.0	µg/		1	1/28/2	:43:00		
Chloro	ene					5.0	µg/		1	1/28/2	:43:00		
Chloro	e					5.0	µg/		1	1/28/2	:43:00		
Chloro						5.0	µg/		1	1/28/2	:43:00		
Chloro	ane					5.0	µg/l		1	1/28/2	:43:00		
is-1,3	loropr					5.0	µg/l		1	1/28/2	:43:00		
Dibrom	rome					5.0	µg/l		1	1/28/2	:43:00		
Dichlo	orom	e				5.0	µg/l		1	1/28/2	:43:00		
Ethylb	e					5.0	µg/l		1	1/28/2	:43:00		
Methyl	hlorid					5.0	µg/l		1	1/28/2	:43:00		
Styren						10	µg/l		1	/28/2	:43:00		
Tetracl	thene					5.0	µg/l		1	/28/2	:43:00		
Toluen						5.0	µg/l		1	/28/2	:43:00		
rans-1	hloro	ne				5.0	µg/l		1	/28/2	:43:00		
richlo	ene					5.0	µg/l		1	/28/2	:43:00		
richlo	romet					5.0	µg/l		1	/28/2	:43:00		
Vinyl A	e					5.0	µg/l		1	/28/2	43:00		
ualifie		Not D	l at th	orting			S - Sp	covery	de acc	recove	its		
		alyte d	d belc	ntitati	its		R - RF	side a	d reco	mits			
		ilutior	or				E - Va	ove qu	tion ra				
		lue ex	Maxir	Contan	Level		RL - R	ng Lir			e 1 of		

'oxi	I								I	31-	)5		
LIEI		:an H	rs				Clier	mple	GA(	F			
ab O	:	)117'						Num					
-ojec		llvill(					Co	ion D	1/15	5 3:3	PM		
ab ID		)117'	A					Ma	AQI	US			
nalys				R		RL	U		DF	Dat	alyzec		
JRGI	.ES				E6								
Vinyl (	ie				)	5.0	µg		1	1/28/2	alyst:):43:0C	
Total	chloro	ie			)	5.0	µg		1	1/28/2	):43:0C		
Total 2	es				)	5.0	µg		1	1/28/2	):43:0C		
L AN	REAS	/R, B			E4						alyst:		
Oil & (	e, Tot	cover			)	1.0	mg		1	1/31/2			

alifie:		Not De	l at the	orting			S - Sp	covery	de acc	recove	iits		
		alyte d	d belo	ntitati	iits		R - RF	side a	d reco	mits			
		ilutior	or				E - Va	ove qu	tion re				
		lue ex	Maxin	Contan	Level		RL - R	ng Lir				e 2 of	

Fox	n							]	: 14-	-05			
CLIE		lean]	ors				Clie	mpl	INI	ENT			
Lab (	r:	5030(						Num					
Proje		fillvil					C(	ion I	: 2/2	00			
Lab I		5030(	A					Ma	: W/	٤			
Analy				I	it	RL	al U		DF	Da	alyze		
PURG	ILES				E						nalyst:		
1,1,1	iloroe				0	125	µg		25	3/10.	7:48:0		
1,1,2	trachl	nane			D	125	µg		25	3/10.	7:48:0		
1,1,2	iloroe				D	125	µg		25	3/10.	7:48:0		
1,1-D	roethe				D	125	µg		25	3/10.	7:48:0		
1,1-D	roethe				D	125	µg		25	3/10.	7:48:0		
1,2-D	roben				D	125	µg		25	3/10.	7:48:0		
1,2-D	roethe				D	125	µg		25	3/10.	7:48:0		
1,2-D	ropro				D	125	µg		25	3/10.	7:48:0		
1,3-D	roben				D	125	µg		25	3/10.	7:48:0		
1,4-D	roben				D	125	µg		25	3/10.	7:48:0		
2-Bu	e				D	250	µg		25	3/10.	7:48:0		
2-Ch	hyl vi	ner			D	125	µg		25	3/10.	7:48:0		
2-He	ne				D	125	µg		25	3/10.	7:48:0		
4-Me	-Pent	e			D	125	µg		25	3/10.	7:48:0		
Aceto					D	250	µg		25	3/10.	7:48:0		
Acro					D	1250	µg		25	3/10.	7:48:0		
Acryl	e				D	250	µg		25	3/10.	7:48:0		
Benz					D	125	µg		25	3/10.	7:48:0		
Brom	iorom	ne			D	125	µg		25	3/10.	7:48:0		
Brom	n				D	125	µg		25	3/10.	7:48:0		
Brom	hane				D	125	µg		25	3/10.	7:48:0		
Carb	sulfide				D	125	µg		25	3/10.	7:48:0		
Carb	rachlo				D	125	µg		25	3/10.	7:48:0		
Chlo	zene				D	125	µg		25	3/10.	7:48:0		
Chlo	ne				D	125	µg		25	3/10.	7:48:0		
Chlo	n				D	125	µg		25	3/10.	7:48:0		
Chlo	hane				D	125	µg		25	3/10.	7:48:0		
cis-1	hloro	ne			D	125	µg		25	3/10.	7:48:0		
Dibro	iorom	ne			D	125	µg		25	3/10.	7:48:0		
Dichl	luoro	ne			D	125	µg		25	3/10.	7:48:0		
Ethyl	ene				D	125	µg		25	3/10.	7:48:0		
Meth	chlori				D	250	µg		25	3/10.	7:48:0		
Styre					D	125	µg		25	3/10.	7:48:0		
Tetra	oethe				0	125	µg		25	3/10.	7:48:0		
Tolue					7	125	µg		25	3/10.	7:48:0		
trans	Dichlo	oene			D	125	µg		25	3/10.	7:48:0		
Trich	hene				0	125	µg		25	3/10.	7:48:0		
Trich	orom	e			D	125	µg		25	3/10.	7:48:0		
Vinyl	ate				D	125	µg		25	3/10.	7:48:0		
Qualif		- Not	ted at	portin	it		S - S	Recov	tside a	d reco	imits		
		Analyt	ted b	uantit	imits		R - I	utside	ted re	limits			
		-Diluti	ctor				E - V	above	itation				
		Value	ls Ma	Conti	nt Lev		RL -	rting I			ge 5 c		

Fox	n								I	14-	-05		
CLIE		lean I	ors				Clie	mpl	INI	ENT			
Lab C	r:	5030(						Num					
Proje		Hillvil					C(	ion I	2/2	00			
Lab I		5030(	A					Ma	W/	٤			
Analy				I	It	RL	al U		DF	Da	alyze		
PURG	LES				E						nalyst		
Viny	ide				D	125	µ		25	3/10	7:48:0		
Tota	dichlo	ene			0	125	µ		25	3/10	7:48:0		
Tota	nes				9	125	µ		25	3/10	7:48:0		
OIL A	GREA	T/R, I	٤		E	2					nalyst		
Oil &	se, T	ecove			D	1.00	m		1	3/14			

Quali		I - Not	ted at	eportir	it		S -	Recov	tside	ed rec	limits		
		Analyt	cted b	quantit	limits		R -	outsid	oted re	y limit			
		-Dilut	ctor				E -	above	itatio	e			
		Value	ds Ma	n Con	nt Le		RL	orting			age 6		

Cox	n								I	14-	05			
CLIE		lean I	ors					Clie	mple	GA	F			
ab C	r:	0306							Num					
Proje		illvil						Cc	ion I	2/2	05 6:	PM		
ab I		0306	A						Ma	W				
Analy				I	t	RL	al	U		DF	Da	alyze		
URG	LES				E							nalyst		
1,1,1	loroe				D	5.00		µg		1	3/9/	3:08:0C		
1,1,2	trachl	ane			D	5.00		µg		1	3/9/	3:08:0C		
1,1,2	loroe				D	5.00		µg		1	3/9/	3:08:0C		
1,1-I	roeth				D	5.00		µg		1	3/9/	3:08:0C		
1,1-I	roeth				D	5.00		µg		1	3/9/	3:08:0C		
1,2-I	roben				D	5.00		µg		1	3/9/	3:08:0C		
1,2-I	roeth				D	5.00		µg		1	3/9/	3:08:0C		
1,2-I	ropro				D	5.00		µg		1	3/9/	3:08:0C		
1,3-I	roben				D	5.00		µg		1	3/9/	3:08:0C		
1,4-I	roben				D	5.00		µg		1	3/9/	3:08:0C		
2-Bu	ie				D	10.0		µg		1	3/9/	3:08:0C		
2-Cl	thyl vi	her			D	5.00		µg		1	3/9/	3:08:0C		
2-He	ne				D	5.00		µg		1	3/9/	3:08:0C		
4-Me	2-Pen	e			D	5.00		µg		1	3/9/	3:08:0C		
Acet					D	10.0		µ		1	3/9/	3:08:0C		
Acrc					D	50.0		µ		1	3/9/	3:08:0C		
Acry	le				D	10.0		µ		1	3/9/	3:08:0C		
Ben:					D	5.00		µ		1	3/9/	3:08:0C		
Bror	hloron	ne			D	5.00		µ		1	3/9/	6:08:0C		
Bror	n				D	5.00		µ		1	3/9/	6:08:0C		
Bror	thane				D	5.00		µ		1	3/9/	6:08:0C		
Cart	isulfid				D	5.00		µ		1	3/9/	6:08:0C		
Cart	trachl				D	5.00		µ		1	3/9/	6:08:0C		
Chlc	nzene				D	5.00		µ		1	3/9/	6:08:0C		
Chlc	ane				D	5.00		µ		1	3/9/	6:08:0C		
Chlc	n				D	5.00		µ		1	3/9/	6:08:0C		
Chlc	thane				D	5.00		µ		1	3/9/	6:08:0C		
cis-1	chlorc	ene			D	5.00		µ		1	3/9/	6:08:0C		
Dibr	hloror	ne			D	5.00		µ		1	3/9/	6:08:0C		
Dich	ifluorc	ane			D	5.00		µ		1	3/9/	6:08:0C		
Ethy	ene				D	5.00		µ		1	3/9/	6:08:0C		
Met	e chlo				D	10.0		µ		1	3/9/	6:08:0C		
Styr					D	5.00		µ		1	3/9/	6:08:0C		
Tetr	roethe				D	5.00		µ		1	3/9/	6:08:0C		
Tolu					D	5.00		µ		1	3/9/	6:08:0C		
tran	Dichlc	ipene			D	5.00		µ		1	3/9/	6:08:0C		
Tric	ethene				D	5.00		µ		1	3/9/	6:08:0C		
Tric	luoror	ne			D	5.00		µ		1	3/9/	6:08:0C		
Viny	tate				D	5.00		µ		1	3/9/	6:08:0C		
Qual		) - Not	cted at	eportii	nit			S -	Recov	utside	ed rec	limits		
		Analy	cted b	quanti	limits			R -	outsid	pted n	y limi			
		-Dilu	actor					E -	above	titatio	e			
		Value	ds Ma	n Con	ant Le			RL	orting					

Tox	n								I	: 14-	-05		
CLIE		lean I	ors				Clie	mpl	GA	FF			
ab C	r:	5030						Nur					
Proje		illvil					Cc	ion I	2/2	05 6:	) PM		
ab I		5030	A					Ma	: W	٤			
Analy				I	t	RL	al U		DF	Da	nalyze		
URG	LES				E						nalyst		
Viny	ide				D	5.00	µg		1	3/9/2	3:08:0C		
Tota	lichlo	ne			D	5.00	µg		1	3/9/2	3:08:0C		
Tota	nes				D	5.00	µg		1	3/9/2	3:08:0C		
IL A	REA	T/R, I	٤		E	٤					nalyst		
Oil &	se, T	ecove			D	1.00	m		1	3/14			

Quali		- Not	ted at	eportir	it		S - '	Recov	tside a	ed rec	limits		
		Analyt	cted b	uantit	limits		R -	utside	oted re	limit			
		-Dilut	ctor				E - '	above	itatior	:			
		Value	ds Ma	n Cont	nt Lev		RL	orting			age 2		

Toxi	ı C	ora	ı					I	28-	05			
LIE		ean I	›rs				Clie	mple	Infl				
ab C	:	0320						Num					
roje		illvill					Co	ion I	3/2	)5 1:(	PM		
ab I		0320	A					Ma	WA				
naly				F	t	RL	ıl U		DF	Dat	ıalyze		
URG	LES				E						ıalyst:		
1,1,1	loroet				0	125	µg		25	3/24/	11:26:(	A	
1,1,2	rachl	ıane			0	125	µg		25	3/24/	11:26:(	A	
1,1,2	loroet				0	125	µg		25	3/24/	11:26:(	A	
1,1-D	oetha				0	125	µg		25	3/24/	11:26:(	A	
1,1-D	oethe				0	125	µg		25	3/24/	11:26:(	A	
1,2-D	oben:				0	125	µg		25	3/24/	11:26:(	A	
1,2-D	oetha				0	125	µg		25	3/24/	11:26:(	A	
1,2-D	oprop				0	125	µg		25	3/24/	11:26:(	A	
1,3-D	oben:				0	125	µg		25	3/24/	11:26:(	A	
1,4-D	oben:				0	125	µg		25	3/24/	11:26:(	A	
2-Bul	e				0	250	µg		25	3/24/	11:26:(	A	
2-Chl	hyl vir	ıer			0	125	µg		25	3/24/	11:26:(	A	
2-He:	e				0	125	µg		25	3/24/	11:26:(	A	
4-Me	-Pent	ı			0	125	µg		25	3/24/	11:26:(	A	
Acet					0	250	µg		25	3/24/	11:26:(	A	
Acrol					0	1250	µg		25	3/24/	11:26:(	A	
Acryl	e				0	250	µg		25	3/24/	11:26:(	A	
Benz					0	125	µg		25	3/24/	11:26:(	A	
Brom	lorom	ıe			0	125	µg		25	3/24/	11:26:(	A	
Brom	ı				0	125	µg		25	3/24/	11:26:(	A	
Brom	hane				0	125	µg		25	3/24/	11:26:(	A	
Carb	ulfide				0	125	µg		25	3/24/	11:26:(	A	
Carb	rachlc				0	125	µg		25	3/24/	11:26:(	A	
Chlor	zene				0	125	µg		25	3/24/	11:26:(	A	
Chlor	ne				0	125	µg		25	3/24/	11:26:(	A	
Chlor	ı				0	125	µg		25	3/24/	11:26:(	A	
Chlor	ıane				0	125	µg		25	3/24/	11:26:(	A	
cis-1,	hloro	ıe			0	125	µg		25	3/24/	11:26:(	A	
Dibro	lorom	ıe			0	125	µg		25	3/24/	11:26:(	A	
Dichl	luoror	ne			0	125	µg		25	3/24/	11:26:(	A	
Ethyl	ne				8	125	µg		25	3/24/	11:26:(	A	
Meth	chlori				0	250	µg		25	3/24/	11:26:(	A	
Styre					0	125	µg		25	3/24/	11:26:(	A	
Tetra	›ether				0	250	µg		50	3/25/	7:14:0(		
Tolue					2	125	µg		25	3/24/	11:26:(	A	
trans	ichlor	›ene			0	125	µg		25	3/24/	11:26:(	A	
Trich	hene				0	125	µg		25	3/24/	11:26:(	A	
Trich	lorom	e			0	125	µg		25	3/24/	11:26:(	A	
Vinyl	ıte				0	125	µg		25	3/24/	11:26:(	A	
Qualif		- Not	ed at t	portin	it		S - S	Recov	side a	d reco	mits		
		nalyt	ted be	uantit	imits		R - I	utside	ted rec	limits			
		Diluti	ctor				E - V	above	itation				
		Value	ls Ma	Cont	nt Lev		RL -	rting I			ıge 15	5	

Toxi	n C	ora	n					I	28-	05			
CLIE		ean I	ors				Clie	mpl	Infl				
Lab C	:	032C						Num					
Proje		illvil					C	ion I	3/2	05 1:	PM		
Lab I		032C	A					Ma	W/				
Analy				F	t	RL	al	U	DF	Da	alyze		
URG	LES				E						nalyst:		
Vinyl	ide				D	125	µ		25	3/24	11:26:	M	
Total	lichlor	ne			0	125	µ		25	3/24	11:26:	M	
Total	nes				4	125	µ		25	3/24	11:26:	M	
IL A	REA	T/R, I	t		E	2					nalyst:		
Oil &	se, T	ecove			D	1.00	m		1	3/25			

Qualif		- Not	ted at	portin	it		S -	Recov	tside a	d rec	imits		
		Analyt	cted b	uantit	imits		R -	utside	ted re	limit			
		-Dilut	ctor				E -	above	itation				
		Value	ds Ma	Cont	nt Lev		RL	rting			age 16	6	

Fox:	n C	ora	n						I	: 28-	-05		
CLIE		lean I	ors				Clie:	mpl	GA	ff			
ab C	:	032C						Num					
roje		illvil					C	ion I	3/2	05 1:	) PM		
ab I		032C	A					Ma	:				
naly				I	t	RL	al U		DF	Da	nalyze		
URG	LES				E						nalyst:		
1,1,1	iloroe				)	5.00	µg		1	3/24	9:52:0	I	
1,1,2	trachl	ane			)	5.00	µg		1	3/24	9:52:0	I	
1,1,2	iloroe				)	5.00	µg		1	3/24	9:52:0		
1,1-D	oetha				)	5.00	µg		1	3/24	9:52:0		
1,1-D	oethe				)	5.00	µg		1	3/24	9:52:0		
1,2-D	oben:				)	5.00	µg		1	3/24	9:52:0		
1,2-D	oetha				)	5.00	µg		1	3/24	9:52:0		
1,2-D	oprop				)	5.00	µg		1	3/24	9:52:0		
1,3-D	oben:				)	5.00	µg		1	3/24	9:52:0		
1,4-D	oben:				)	5.00	µg		1	3/24	9:52:0		
2-But	e				)	10.0	µg		1	3/24	9:52:0		
2-Ch	hyl vir	ier			)	5.00	µg		1	3/24	9:52:0		
2-He	ie				)	5.00	µg		1	3/24	9:52:0		
4-Me	-Pent				)	5.00	µg		1	3/24	9:52:0		
Aceto					)	10.0	µg		1	3/24	9:52:0		
Acrol					)	50.0	µg		1	3/24	9:52:0		
Acryl	e				)	10.0	µg		1	3/24	9:52:0		
Benz					)	5.00	µg		1	3/24	9:52:0		
Brom	lorom	ie			)	5.00	µg		1	3/24	9:52:0		
Brom	i				)	5.00	µg		1	3/24	9:52:0		
Brom	hane				)	5.00	µg		1	3/24	9:52:0		
Carb	ulfide				)	5.00	µg		1	3/24	9:52:0		
Carb	rachlc				)	5.00	µg		1	3/24	9:52:0		
Chlor	zene				)	5.00	µg		1	3/24	9:52:0		
Chlor	ne				)	5.00	µg		1	3/24	9:52:0		
Chlor	i				)	5.00	µg		1	3/24	9:52:0		
Chlor	nane				)	5.00	µg		1	3/24	9:52:0		
cis-1,	hloro	ie			)	5.00	µg		1	3/24	9:52:0		
Dibro	lorom	ie			)	5.00	µg		1	3/24	9:52:0		
Dichl	luoror	ne			)	5.00	µg		1	3/24	9:52:0		
Ethyl	ne				)	5.00	µg		1	3/24	9:52:0		
Meth	chlori				)	10.0	µg		1	3/24	9:52:0		
Styre					)	5.00	µg		1	3/24	9:52:0		
Tetra	ether				)	5.00	µg		1	3/24	9:52:0		
Tolue					)	5.00	µg		1	3/24	9:52:0		
trans	lichlor	iene			)	5.00	µg		1	3/24	9:52:0		
Trichl	hene				)	5.00	µg		1	3/24	9:52:0		
Trichl	lorom	e			)	5.00	µg		1	3/24	9:52:0		
Vinyl	ile				)	5.00	µg		1	3/24	9:52:0		
Qualif		- Not I	ed at t	portin	t		S - S	Recov	side a	d reco	imits		
		nalyte	ted be	uantit	imits		R - I	utside	ted rec	limits			
		Diluti	tor				E - V	above	tation				
		Value	s Max	Cont	nt Lev		RL -	rting I			ge 11	6	

Fox	n C	ora	1					I	28-	-05		
CLIE		ean I	ors				Clie	mpl	GA	ff		
ab C	r:	032C						Num				
roje		illvil					C	ion I	3/2	05 1:	) PM	
ab I		032C	A					Ma				
naly				F	t	RL	al U		DF	Da	nalyze	
URG	LES				E						nalyst:	
Vinyl	ide				)	5.00	µg		1	3/24	9:52:0	
Total	lichlor	ne			)	5.00	µg		1	3/24	9:52:0	
Total	nes				)	5.00	µg		1	3/24	9:52:0	
IL A	REA	T/R, I	!		E	2					nalyst:	
Oil &	se, T	ecove			)	1.00	m		1	3/25		

Qualif		- Not	ed at	portin	it		S - S	Recov	tside a	d recc	imits	
		nalyt	ted be	uantit	imits		R - I	utside	ted re	limit		
		-Diluti	ctor				E -	above	itation			
		/alue	ls Ma	Cont	nt Lev		RL -	rting I			age 12	6

'oxi	Co	rati							Date	-May					
LIEN		an Ha						ent S	le ID:	luent					
ab O		4247						Tag	nber:						
:oject		lville						ollec	Date:	1/20(	00:00				
ab ID		4247							atrix	QUEC					
nalys					Res		Qı	Units			te An	ed			
JRGE	ES					E624					Ar	: SP			
1,1,1-T	roeth						0	ıg/L			005 3	PM			
1,1,2,2	achlor	ne					0	ıg/L			005 3	PM			
1,1,2-T	roeth						0	ıg/L			005 3	PM			
1,1-Dic	ethan						0	ıg/L			005 3	PM			
1,1-Dk	ethen						0	ıg/L			005 3	PM			
1,2-Dic	benze						0	ıg/L			005 3	PM			
1,2-Dic	ethan						0	ıg/L			005 3	PM			
1,2-Dic	propa						0	ıg/L			005 3	PM			
1,3-Dic	benze						0	ıg/L			005 3	PM			
1,4-Dic	benze						0	ıg/L			005 3	PM			
2-Buta							0	ıg/L			005 3	PM			
2-Chlo	l vinyl						0	g/L			005 3	PM			
2-Hexa							0	g/L			005 3	PM			
4-Meth	entan						0	g/L			005 3	PM			
cetor							0	g/L			005 3	PM			
crolei							0	g/L			005 3	PM			
crylor							0	g/L			005 3	PM			
lenzer							0	g/L			005 3	PM			
romo	romet						0	g/L			005 3	PM			
romo							0	g/L			005 3	PM			
romo	ne						0	g/L			005 3	PM			
arbon	fide						0	g/L			005 3	PM			
arbon	chlorid						0	g/L			005 3	PM			
hloro	ne						0	g/L			005 3	PM			
hloro							0	g/L			005 3	PM			
hloro							0	g/L			005 3	PM			
hloro	ne						0	g/L			005 3	PM			
s-1,3-	ropro						0	g/L			005 3	PM			
ibrom	rometl						0	g/L			005 3	PM			
ichlor	rome						0	g/L			005 3	PM			
thylbe							0	g/L			005 3	PM			
ethyle	loride						0	g/L			005 3	PM			
tyrene							0	g/L			005 3	PM			
etrach	hene				35		0	g/L			005 3	PM			
oluene					N		0	g/L			005 3	PM			
ans-1,	nlorop	e			N		0	g/L			005 3	PM			
richlor	ne				20		0	g/L			005 3	PM			
richlor	ometh				N		0	g/L			005 3	PM			
nyl Ac					N		0	g/L			005 3	PM			
alifier	N	ot Det	t the R	ng Lin				pike R	ry outs	cepted	ery lim				
	J	yte de	below	itation				PD or	accept	overy l					
	B	lyte de	in the	iated M		Blank		alue a	quantit	ange					
	*	te exce	aximu	itamin		vel		Repor	imit		Pag	f 6			

oxik	Cor	·ati							Date:	May-				
IEN1		ı Har						nt Sa	: ID:	uent				
) Ord		247						Tag	iber:					
ject:		rille						llect	Date:	1/200	0:00			
) ID:		247-(							trix:	UEO				
alyse:					Resu		Qu	nits			e Ana	d		
RGE/	:S					:624					An	SP		
nyl ch					N			g/L			05 3:	PM		
tal 1,:	loroet				7(			g/L			05 3:	PM		
tal Xy					N			g/L			05 3:	PM		
Surr:	lchlor	ıe-d4			95	7		REC			05 3:	PM		
Surr:	mofiu	ızene			99	8		REC			05 3:	PM		
Surr:	ne-d8				98	8		REC			05 3:	PM		
AND	:ASE	, BY				:413.:					An	AB		
l & Gr	Total	verabl			N			g/L			05			

lfiers:	NI	: Detec	the Re	g Limi			ıike R	y outsi	epted :	ry limi		
	J -	te dete	elow q	ation li			PD out	ccepte	very li			
	B -	rte det	n the a	ted M	Blank		alue at	uantita	nge			
	* -	excee	ximum	aminar	el		Report	mit		Page	6	

T ikor orp tion

e: 0: y-05

C	NT:	Cl	arbor					Cl	Samp	): G:	F				
L	rder	05(	7						g Nu	:					
P	t:	Mi	:					(	ction	: 4/	)05 6:	0 PM			
L	):	05(	-01A						M	: A(	OUS				
A	ses					sult	R	ual	:	DI	Da	nalyze			
PI	EABI														
	Trichl	ane				ND	5.0			1	5/3/2	nalyst:			
	2-Tetr	oetha				ND	5.0			1	5/3/2	2:16:00			
	Trichl	ane				ND	5.0			1	5/3/2	2:16:00			
	chlorc	e				ND	5.0			1	5/3/2	2:16:00			
	chloro	e				ND	5.0			1	5/3/2	2:16:00			
	chloro	ane				ND	5.0			1	5/3/2	2:16:00			
	chloro	e				ND	5.0			1	5/3/2	2:16:00			
	chloro	ne				ND	5.0			1	5/3/2	:16:00			
1	chloro	ne				ND	5.0			1	5/3/2	:16:00			
1	chloro	ne				ND	5.0			1	5/3/2	:16:00			
2	none					ND	5.0			1	5/3/2	:16:00			
2	roethy	l ethe				ND	10.(			1	5/3/2	:16:00			
2	none					ND	5.0(			1	5/3/2	:16:00			
4	yl-2-P	one				ND	5.0(			1	5/3/2	:16:00			
A	e					ND	5.0(			1	5/3/2	16:00			
A	n					ND	10.(			1	5/3/2	16:00			
A	itrile					ND	50.(			1	5/3/2	16:00			
B	ne					ND	10.(			1	5/3/2	16:00			
B	dichlor	hane				ND	5.00			1	5/3/2	16:00			
B	orm					ND	5.00			1	5/3/2	16:00			
B	netha					ND	5.00			1	5/3/2	16:00			
C	Disul					ND	5.00			1	5/3/2	16:00			
C	tetrac	e				ND	5.00			1	5/3/20	16:00			
C	enzer					ND	5.00			1	5/3/20	16:00			
C	thane					ND	5.00			1	5/3/20	16:00			
C	orm					ND	5.00			1	5/3/20	16:00			
C	ethar					ND	5.00			1	5/3/20	16:00			
cl	Dichlo	ene				ND	5.00			1	5/3/20	6:00			
Di	chlor	ane				ND	5.00			1	5/3/20	6:00			
Di	difluo	hane				ND	5.00			1	5/3/20	6:00 PI			
Et	nzene					ND	5.00			1	5/3/20	6:00 PI			
M	ne chl					ND	5.00			1	5/3/20	6:00 PI			
St						ND	10.0			1	5/3/20	6:00 PI			
Te	oroeth					ND	5.00			1	5/3/20	6:00 PI			
To						ND	5.00			1	5/3/20	6:00 PI			
tra	3-Dich	opene				ND	5.00			1	5/3/20	6:00 PI			
Tri	ethen					ND	5.00			1	5/3/20	6:00 PI			
Tri	ifluoro	ne				ND	5.00			1	5/3/20	6:00 PI			
Vir	etate					ND	5.00			1	5/3/20	6:00 PI			
Qua	:	D - No	cted at	portin	t			S - Sp	covery	le acc	ecover	ts			
		Analy	ected b	uantit	mits			R - RI	side ac	l recov	nits				
		- Anal	ected i	ssocia	thod I			E - Va	ove qu	ion ra					
		Value	ds Ma	Conti	it Leve			RL - R	ng Lin						

Fox	n C	ora	t						Dat	5-Ma				
CLIE		ean H	rs					lient	ple ID	Fac-E				
Lab C	:	0424						Ta	umbe					
Proje		Ilvill						Colle	n Dat	/21/2	:00:(	1		
Lab I		0424	A						Matri	QUE				
Analy				Re		CL	Q	Unit		F	ate A	zed		
URG	LES				E62						A	st: SP		
Vinyl	de					00		µg/L			/2005	00 PM		
Total	chlorc	ıe				00		µg/L			/2005	00 PM		
Total	es					00		µg/L			/2005	00 PM		
Su	-Dichl	ıane-c				14		%RE			/2005	00 PM		
Sur	Bromo	benze				15		%RE			/2005	00 PM		
Sur	uene-					10		%RE			/2005	00 PM		
IL AN	REAS	R, B			E41						A	st: AB		
Oil &	e, Tol	cover				00		mg/L			/2005			

alifier		ot Det	at the I	ing Lit			Spike I	ery out	ccepte	very li		
	J	lyte de	below	itation			RPD o	accep	covery			
	E	alyte d	I in the	iated I	I Blanl		Value	quanti	range			
	*	ue exc	laximu	ntamin	vel		- Repo	Limit		Pa	of 6	

Toxi	n C	ora							Dat	)-Jun			
CLIEN		an H	s					lient	ple II	fluen			
ab O		6045						T	umbe				
roject		lville						Colle	Dat	28/20	5:00		
ab ID		6045-							Matrix	QUEC			
nalys					Res		L Q	Units			te An	d	
IRGE	S					E624							
l,1,1-T	roeth			9			)	ıg/L			Al	: JPM	
,1,2,2	achlor	ne					)	ıg/L			2005 1	00 AM	
,1,2-T	roeth						)	g/L			2005 1	00 AM	
,1-Dic	ethane						)	g/L			2005 1	00 AM	
,1-Dic	ethene						)	g/L			005 1	00 AM	
,2-Dic	benzei						)	g/L			005 1	00 AM	
,2-Dic	ethane							g/L			005 1	00 AM	
2-Dic	ropan							g/L			005 1	00 AM	
3-Dic	enzer							g/L			005 1	00 AM	
4-Dic	enzer							g/L			005 1	00 AM	
Butan								g/L			005 1	0 AM	
Chlor	vinyl							g/L			005 1	0 AM	
Hexar								g/L			005 1	0 AM	
Methy	ntano							g/L			005 1	0 AM	
etone								/L			05 10	0 AM	
rolein								/L			05 10	0 AM	
rylonit								/L			05 10	0 AM	
nzene								/L			05 10	0 AM	
romodi	metha							/L			05 10	0 AM	
romofo								L			05 10	0 AM	
romet								L			05 10	0 AM	
bon D	le							L			05 10	AM	
bon te	loride							L			05 10	AM	
robe								-			5 10	AM	
roeth								-			5 10	AM	
rofor								-			5 10	AM	
romet								-			5 10	AM	
,3-Di	prope										5 10	AM	
romoc	ethan										5 10	AM	
lorodi	metha										5 10	AM	
lbenz											5 10	AM	
ylene	de										5 10	AM	
ne											5 10	AM	
chlor	ne										5 10	AM	
ne											5 10	AM	
-1,3-D	ropro										12:58	M	
roeth											10:49	M	
orofl	ethane										10:49	M	
Aceta											12:58	M	
											10:49	M	
C	Tiers	ND -	Detecte	he Re	g Lim.		S	e Rec	outsid	epted	ry lim		
		J - Ar	detect	low qu	tion li		R	outsi	cepted	very li			
		B - A	detec	the as	ed Me	Blank	E	e abo	ntitati	ge			
		* - Va	ceeds	mum	minan	l	RL	porti	it		age 5		

Tox	n C	ıora	n					Dat	0-Jur				
CLIE		ean F	rs				Client	ple ID	ıfluer				
Lab C	:	0604:					T	umbe					
Proje		illville					Coll	n Dat	28/20	45:00			
Lab ID		0604:						Matri	QUE				
Analy				R		RL	Unit		F	ate A	ed		
URG	ES				E62					/	st: JPI		
Vinyl	ide					50	µg/L		)	/2005	9:00 AI		
Total	lichlor	ne				50	µg/L		)	/2005	9:00 AI		
Total	ies					50	µg/L		)	/2005	9:00 AI		
Su	2-Dich	hane-				14	%RE		)	/2005	9:00 AI		
Su	2-Dich	hane-				14	%RE		)0	/2005	:00 PM		
Su	Bromc	benz				15	%RE		)	/2005	9:00 AI		
Su	Bromc	benz				15	%RE		)0	/2005	:00 PM		
Su	luene					10	%RE		)	/2005	9:00 AI		
Su	luene					10	%RE		)0	/2005	:00 PM		
IL AI	REAS	, BY			E41					/	st: AB		
Oil &	se, To	covei				00	mg/L			/2005			

ualif		Not I	ed at t	portin	it		- Spik	overy	e acc	ecove	its
		alyte	ted be	uantita	imits		- RPI	de ac	recov	mits	
		nalyt	ted in	ssocia	ethod		- Valu	ve qua	on ran		
		alue e	s Max	Conta	it Lev		L - Re	g Lim		P	of 6

Tc	:on	:po	on													
CL	:	Clear	ors						Clie		I	10-.	5			
Lab	er:	05060														
Pro		Millvi														
Lab		05060	A						Cc			5/28/	2:45:(			
Ana					I	t					Mat	AQU	S			
PUR	BLES					Et	RL		l Un			DF	Date	yzed		
1,1	chloro	e					5.00	µg/l				1	7/200	yst: JI		
1,1,	etrach	thane					5.00	µg/l					7/200	:00 PM		
1,1,	chloro	e					5.00	µg/l					7/200	:00 PM		
1,1-	oroeth						5.00	µg/l					7/200	:00 PM		
1,1-	oroeth						5.00	µg/L					7/200	:00 PM		
1,2-	orober						5.00	µg/L					7/200	:00 PM		
1,2-I	roeth						.00	µg/L					7/200	:00 PM		
1,2-I	ropro						.00	µg/L					7/2005	00 PM		
1,3-I	roben						.00	µg/L					7/2005	00 PM		
1,4-I	roben						.00	µg/L					7/2005	00 PM		
2-Bu	e						00	µg/L					/2005	00 PM		
2-Ch	hyl vir	ier					0.0	µg/L					/2005	00 PM		
2-He	ie						00	µg/L					/2005	00 PM		
4-Me	-Penta						00	µg/L					/2005	00 PM		
Acetc							00	µg/L					/2005	00 PM		
Acrol							.0	µg/L					2005	00 PM		
Acryl							.0	µg/L					2005	0 PM		
Benze							.0	µg/L					2005	0 PM		
Bromc	rome						10	µg/L					2005	0 PM		
Bromc							0	µg/L					2005	0 PM		
Bromo	ane						0	ug/L					2005	0 PM		
Carbo	lfide						0	ug/L					2005	0 PM		
Carbo	ichlori						0	ug/L					2005	0 PM		
Chloro	ine						)	ug/L					005	0 PM		
Chloro	e						)	ug/L					005	0 PM		
Chloro							)	g/L					005	PM		
Chloror	ne						)	g/L					005	PM		
s-1,3-	oropro							g/L					005	PM		
ibrom	ometh							g/L					005	PM		
ichlorc	romet							g/L					005	PM		
hylbe								g/L					005	PM		
ethyle	loride							g/L					05	PM		
yrene								/L					05	PM		
trachl	ene							/L					05	PM		
luene								/L					05	PM		
ns-1,3	loropı	e						/L					05	PM		
chloro	e							/L					05	PM		
chloro	metha							/L					05	PM		
yl Ac								L					05	M		
lifier	NI	t Dete	it the l	ting L					ike R	ry out		cepte	very l			
	J -	te det	below	itatior	s				PD ou	ccept		overy				
	B -	yte de	in the	iated	d Bla				lue at	uantit		ange				
	* -	excee	ximu	itamin	evel				eport	imit			Page	5		

ciko Corp atio ite: n-05

NT:	C	Harbc	t San	D: (	EFF
Orde	0:	5	Tag N	ier:	
ect:	M	le	llectic	ite: 5	005 2) PM
D:	0:	5-01/		fix:	3OUS

yses			esult		Qual	its	I	I	Analy	
3EAB				**24**					Analy	**PM**
yl chlc			ND	5		-	1	6/	5 6:56	M
al 1,2-	roeth		ND	5		-	1	6/	5 6:56	M
al Xyle			ND	5		-	1	6/	5 6:56	M
iurr: 1	hloro	e-d4	91.9	76-		EC	1	6/	5 6:56	M
iurr: 4	ofluo	zene	107	86-		EC	1	6/	5 6:56	M
iurr: T	e-d8		106	88-		EC	1	6/	5 6:56	M
ND G	**SE, T**	**IR**		**13.2**					Analy	**B**
& Gre	otal F	erable	ND	1		L	1	6/	5	

lifier: ND t Dete t the F ing Li ike R y outs cepte very li

J - te det below itation s PD ou accept overy

B - yte de in the iated d Bla alue at uantit ange

* - exce aximu tamin evel Report imit

T	**ton**	**rpo**	**on**						**I**	*08-*	*5*		
CL	**':**	Clea	bors				**Cli**	**ampl**	Infl				
Lal	**ler:**	0506						**;Nun**					
Pr		Milli					**C**	**tion I**	6/27	1:30		M	
Lal		0506	4A					**Ma**	AQ	JS			
An	**s**				**ılt**	**RL**	**al U**		**DF**	**Dat**		**ılyzed**	
PUI	**ABLES**											alyst:	
1,	richlo	ine			ND	5.00	µg		1	7/1/2(			
1,	-Tetra	ethar			ND	5.00	µg		1	7/1/2(			
1,	richlo	ine			ND	5.00	µg		1	7/1/2(			
1,	hloroe				ND	5.00	µg		1	7/1/2(			
1,	hloroe				ND	5.00	µg		1	7/1/2(			
1,	hloroł	ne			ND	5.00	µg		1	7/1/2(			
1,	hloroe				ND	5.00	µg		1	7/1/2(			
1,	hlorop	ie			ND	5.00	µg		1	7/1/2(			
1,	hlorol	ne			ND	5.00	µg		1	7/1/2(			
1,	hlorol	ne			ND	5.00	µg		1	7/1/2(			
2-	ione				ND	10.0	µg		1	7/1/2(			
2-	oethy	ether			ND	5.00	µg		1	7/1/2(			
2-	none				ND	5.00	µg		1	7/1/2(			
4-	yl-2-P	one			ND	5.00	µg		1	7/1/2(			
A	e				ND	10.0	µg		1	7/1/2(			
A	n				ND	50.0	µg		1	7/1/2(			
A	itrile				ND	10.0	µg		1	7/1/2(			
B	ie				ND	5.00	µg		1	7/1/2(			
B	lichlor	ane			ND	5.00	µg		1	7/1/2(			
B	orm				ND	5.00	µg		1	7/1/2(			
B	nethar				ND	5.00	µg		1	7/1/2(			
C	Disul				ND	5.00	µg		1	7/1/2(			
C	tetrac	le			ND	5.00	µg		1	7/1/2(			
C	enzer				ND	5.00	µg		1	7/1/2(			
C	thane				ND	5.00	µg		1	7/1/2(			
C	orm				ND	5.00	µg		1	7/1/2(			
Cl	nethar				ND	5.00	µg		1	7/1/2(			
cl	Dichl	pene			ND	5.00	µg		1	7/1/2(			
Di	ochlor	ane			ND	5.00	µg		1	7/1/2(			
Di	odifluc	thane			ND	5.00	µg		1	7/1/2(			
Et	nzene				ND	5.00	µg		1	7/1/2(			
M	tert-bu	her			ND	10.0	µg		1	7/1/2(			
M	ne ch				ND	10.0	µg		1	7/1/2(			
St					ND	5.00	µg		1	7/1/2(			
Te	loroet				ND	5.00	µg		1	7/1/2(			
Te					ND	5.00	µg		1	7/1/2(			
tra	3-Dic	roper			ND	5.00	µg		1	7/1/2(			
Tr	oethe				ND	5.00	µg		1	7/1/2(			
Tr	ofluor	ane			ND	5.00	µg		1	7/1/2(			
Qu	**ers**	**ID - N**	**tected**	**: Repc**	**Limit**		**S - S**	**Recov**	**utside**	**ted rec**		**limits**	
		- Ana	**etecte**	**w qua**	**on lim**		**R - ?**	**outsid**	**pted r**	**y limi**			
		- Ani	**letecte**	**he ass**	**d Met**	**lank**	**E - '**	**above**	**itatio**	**e**			
		- Val	**ceeds I**	**um C**	**inant**		**RL -**	**orting**				**ge 5 of**	

T	**ion**	**rpo**	**ion**							*08-*	*5*		
CL	**:**	Clea	bors					**Cli**	**ampl**	Infl			
Lal	**ler:**	0506							**; Nun**				
Pr		Mill						**C**	**tion I**	6/27	1:30	M	
Lal		0506	4A						**Ma**	AQ	JS		
An	**s**				**ılt**	**RL**	**al**	**U**		**DF**	**Dat**	**ılyzed**	
PU	**ABLE**											alyst:	
V	cetat				ND	5.00	µ			1	7/1/2		
V	ıloric				ND	5.00	µ			1	7/1/2		
T	,2-dicl	thene			ND	5.00	µ			1	7/1/2		
T	ylene				ND	5.00	µ			1	7/1/2		
	: Tolu	3			0	8-110	%			1	7/1/2		
	: 4-Br	ıorob	e		0	6-115	%			1	7/1/2		
	: 1,2-I	oetha			0	6-114	%			1	7/1/2		
OIL	**GRE**	**T/R,**				**2**						alyst:	
O	rease	Rec	le		ND	1.00	m			1	6/30/		

Q	ers	ND - N	tected	e Rep	Limit		S -	Reco	utside	ted re	limits	
		- Ana	etecte	w qua	ion lin		R -	outsid	pted r	ry lim		
		3 - An	detect	he ass	d Met	lank	E -	abov	titatio	e		
		- Val	ceeds	num C	minant		RL	orting				ge 6 of

Te	ton	rpo	ion					]	08-.	5			
CL	:	Clea	bors				Cli	ampl	Gac				
Lal	ler:	0506						; Nun					
Pre		Milk					C	tion]	6/27	1:30	M		
Lal		0506	1A					Ma	AQ	JS			
An	s				ılt	RL	al U		DF	Dat	dyzed		
PU	ABLE										alyst:		
1	richlo	ine			ND	5.00	µg		1	7/1/2	:53:00		
1	-Tetra	oethar			ND	5.00	µg		1	7/1/2	:53:00		
1	richlo	ine			ND	5.00	µg		1	7/1/2	:53:00		
1	hloro	)			ND	5.00	µg		1	7/1/2	:53:00		
1	hloro	)			ND	5.00	µg		1	7/1/2	:53:00		
1	hloro	ne			ND	5.00	µg		1	7/1/2	:53:00		
1	hloro	)			ND	5.00	µg		1	7/1/2	:53:00		
1	hloro	ne			ND	5.00	µg		1	7/1/2	:53:00		
1	hloro	ne			ND	5.00	µg		1	7/1/2	:53:00		
1	hloro	ne			ND	5.00	µg		1	7/1/2	:53:00		
2	none				ND	10.0	µg		1	7/1/2	:53:00		
2	oethy	ether			ND	5.00	µg		1	7/1/2	:53:00		
2	none				ND	5.00	µg		1	7/1/2	:53:00		
4	yl-2-P	one			ND	5.00	µg		1	7/1/2	:53:00		
A	e				ND	10.0	µg		1	7/1/2	:53:00		
A	n				ND	50.0	µg		1	7/1/2	:53:00		
A	itrile				ND	10.0	µg		1	7/1/2	:53:00		
B	ne				ND	5.00	µg		1	7/1/2	:53:00		
B	dichlo	nane			ND	5.00	µg		1	7/1/2	:53:00		
B	form				ND	5.00	µg		1	7/1/2	:53:00		
B	nethai				ND	5.00	µg		1	7/1/2	:53:00		
C	Disul				ND	5.00	µg		1	7/1/2	:53:00		
C	tetra	de			ND	5.00	µg		1	7/1/2	:53:00		
C	enze				ND	5.00	µg		1	7/1/2	:53:00		
C	thane				ND	5.00	µg		1	7/1/2	:53:00		
C	form				ND	5.00	µg		1	7/1/2	:53:00		
C	nethai				ND	5.00	µg		1	7/1/2	:53:00		
cl	-Dichl	opene			ND	5.00	µg		1	7/1/2	:53:00		
D	ochlo	nane			ND	5.00	µg		1	7/1/2	:53:00		
D	odiflu	thane			ND	5.00	µg		1	7/1/2	:53:00		
E	nzen				ND	5.00	µg		1	7/1/2	:53:00		
M	tert-b	her			ND	10.0	µg		1	7/1/2	:53:00		
M	ene ch	)			ND	10.0	µg		1	7/1/2	:53:00		
S	e				ND	5.00	µg		1	7/1/2	:53:00		
T	loroe				ND	5.00	µg		1	7/1/2	:53:00		
T	e				ND	5.00	µg		1	7/1/2	:53:00		
tr	,3-Dic	propei			ND	5.00	µg		1	7/1/2	:53:00		
T	roethe				ND	5.00	µg		1	7/1/2	:53:00		
T	rofluo	nane			ND	5.00	µg		1	7/1/2	:53:00		
Q	ers	ND - I	tected	e Rep	Limit		S -	Reco	utside	ted re	/ limits		
		I - An	letecte	w qu	ion lin		R -	outsid	pted r	ry lim			
		B - An	detect	the as	d Me	lank	E -	above	titatio	e			
		* - Va	ceeds	num C	ninant		RL	orting			ge 1 of		

T	con	rpo	ion						08-	5			
Cl	f:	Clea	bors				Cli	ampl	Gac				
La	der:	0506						g Nur					
Pr	:	Mill					C	tion]	6/2	5 1:30	M		
La		0506	IA					M:	AQ	US			
An	s				ult	RI	tal U		DF	Dat	alyzed		
PU	ABLE										alyst:		
V	cetat				ND	5.0(	µ		1	7/1/2	:53:00		
V	hlorid				ND	5.0(	µ		1	7/1/2	:53:00		
T	,2-dic	ithene			ND	5.0(	µ		1	7/1/2	:53:00		
T	ylene				ND	5.0(	µ		1	7/1/2	:53:00		
	: Tolu	8			0	18-11(	%		1	7/1/2	:53:00		
	: 4-Br	uorob	ie		0	16-11	%		1	7/1/2	:53:00		
	: 1,2-I	roeth	4		0	76-11	%		1	7/1/2	:53:00		
Oil	) GRE	, T/R,	!			,2					alyst:		
C	irease	il Rec	ple		ND	1.0(	n		1	6/30/			

Q	ers	ND - I	etecte	e Rep	; Limi		S -	Reco	utside	ted re	y limits		
		J - An	letect	ow qu	ion li		R -	outsic	epted	ery lir			
		B - Ar	detect	the as	ed Me	Blank	E -	abov	titatic	ge			
		* - Va	ceeds	mum (	ninant	l	RL	orting	t		ge 2 o		

T	con	rpo	ion							22-	05		
CL	ſ:	Clea	:bors				Cli	ampl		Infl			
La	der:	0508						g Nur					
Pr	:	Milli					C	tion]	:	7/2	5 10:0	PM	
Lal		0508	4A					M:		AQ	US		
An	s				ult	RI	ial U			DF	Dat	alyzed	
PU	ABLE											ialyst:	
1	richlo	ane			72	25(	µ			50	8/9/2	:13:00	
1	-Tetra	oetha			ND	25(	µ			50	8/9/2	:13:00	
1	richlo	ane			ND	25(	µ			50	8/9/2	:13:00	
1	hloro	e			ND	25(	µ			50	8/9/2	:13:00	
1	hloro	e			ND	25(	µ			50	8/9/2	:13:00	
1	hlorol	ne			ND	25(	µ			50	8/9/2	:13:00	
1	hloro	e			ND	25(	µ			50	8/9/2	:13:00	
1	hloro	ne			ND	25(	µ			50	8/9/2	:13:00	
1	hlorol	ne			ND	25(	µ			50	8/9/2	:13:00	
1	hloro	ne			ND	25(	µ			50	8/9/2	:13:00	
2	none				ND	50(	µ			50	8/9/2	:13:00	
2	roethy	l ethe			ND	25(	µ			50	8/9/2	:13:00	
2	none				ND	25(	µ			50	8/9/2	:13:00	
4	yl-2-P	one			ND	25(	µ			50	8/9/2	:13:00	
A	e				ND	50(	µ			50	8/9/2	:13:00	
A	in				ND	250(	µ			50	8/9/2	:13:00	
A	nitrile				ND	50(	µ			50	8/9/2	:13:00	
E	ne				ND	25(	µ			50	8/9/2	:13:00	
E	dichlo	hane			ND	25(	µ			50	8/9/2	:13:00	
E	form				ND	25(	µ			50	8/9/2	:13:00	
E	metha				ND	25(	µ			50	8/9/2	:13:00	
C	1 Disu				ND	25(	µ			50	8/9/2	:13:00	
C	1 tetra	de			ND	25(	µ			50	8/9/2	:13:00	
C	benze				ND	25(	µ			50	8/9/2	:13:00	
C	ethan				ND	25(	µ			50	8/9/2	:13:00	
C	form				ND	25(	µ			50	8/9/2	:13:00	
C	metha				ND	25(	µ			50	8/9/2	:13:00	
c	-Dichl	opene			ND	25(	µ			50	8/9/2	:13:00	
D	ochlo	hane			ND	25(	µ			50	8/9/2	:13:00	
D	rodiflu	ethane			ND	25(	µ			50	8/9/2	:13:00	
E	enzen				ND	25(	µ			50	8/9/2	:13:00	
M	tert-b	ther			ND	50(	µ			50	8/9/2	:13:00	
M	ene c	e			ND	50(	µ			50	8/9/2	:13:00	
S	e				ND	25(	µ			50	8/9/2	:13:00	
T	hloroe				220	25(	µ			50	8/9/2	:13:00	
T	e				ND	25(	µ			50	8/9/2	:13:00	
t	,3-Di	prope			ND	25(	µ			50	8/9/2	:13:00	
T	roeth				070	25(	µ			50	8/9/2	:13:00	
T	rofluc	thane			ND	25(	µ			50	8/9/2	:13:00	
Q	lers	ND -	etecte	e Rep	Limi		S -	Recc	outsid	pted r	y limit		
		J - An	detect	ow qu	tion li		R -	outsi	epted	ery lin			
		B - A	detec	the as	ed Mo	Blank	E -	e abov	ntitati	ge			
		* - Va	ceeds	mum	minan	l	RI	portin	it			ige 5 o	

Tc	:on	rpo	on						I	22-,	05		
CL	':	Clea	bors				Cli	ampl	Infl				
Lal	ler:	0508						; Nun					
Prc		Milly					C	tion I	7/25	10:0	M		
Lal		0508	4A					Ma	AQ	JS			
An	s				ılt	RL	al U		DF	Dat	ılyzed		
PUI	ABLES										alyst:		
V	cetate				ND	250	µ		50	8/9/2	:13:00		
V	ıloride				ND	250	µ		50	8/9/2	:13:00		
T	,2-dicl	thene			40	250	µ		50	8/9/2	:13:00		
T	ylenes				ND	250	µ		50	8/9/2	:13:00		
	: Tolue	3			3.3	8-110	%		50	8/9/2	:13:00		
	: 4-Br	ıorob	e		00	6-115	%		50	8/9/2	:13:00		
	: 1,2-D	roethe			00	6-114	%		50	8/9/2	:13:00		
OIL	GRE	T/R,	:			2					alyst:		
C	rease	Rec	ıle		ND	1.00	m		1	8/3/2			

Q	ers	ND - I	tecte	e Rep	Limit		S -	Reco	utside	ıted re	y limits		
		J - An	letecte	ow qu	ion lir		R -	outsid	epted	ry lim			
		B - Ar	detect	the as	ed Me	Blank	E -	abov	ıtitatio	ge			
		* - Va	ceeds	mum	ninant		RL	orting	t		ge 6 o		

T:	xon	rpo	ion						:	: 22-	05		
Cl	I:	Clea	:bors				Cli	ampl	GA	F			
La	der:	0508						g Nur	:				
Pr	:	Mill					C	tion]	: 7/2	5 10:C	PM		
La		0508	)1A					M	AQ	US			
An	s				ult	RI	ial U		DF	Dat	alyzed		
PU	ABLE										alyst:		
1	richlo	ane			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	-Tetra	oethar			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	richlo	ane			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	chloro	e			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	chloro	e			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	chlorol	ne			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	chloro	e			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	chloro	ne			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	chlorol	ne			ND	5.0C	µ		1	8/3/2	0:45:0C		
1	chlorol	ne			ND	5.0C	µ		1	8/3/2	0:45:0C		
2	none				ND	10.C	µ		1	8/3/2	0:45:0C		
2	roethy	l ethe			ND	5.0C	µ		1	8/3/2	0:45:0C		
2	none				ND	5.0C	µ		1	8/3/2	0:45:0C		
4	yl-2-P	one			ND	5.0C	µ		1	8/3/2	0:45:0C		
A	e				ND	10.C	µ		1	8/3/2	0:45:0C		
A	in				ND	50.C	µ		1	8/3/2	0:45:00		
A	itrile				ND	10.C	µ		1	8/3/2	0:45:00		
B	ne				ND	5.0C	µ		1	8/3/2	0:45:00		
B	dichlo	hane			ND	5.0C	µ		1	8/3/2	0:45:00		
B	form				ND	5.0C	µ		1	8/3/2	0:45:00		
B	metha				ND	5.0C	µ		1	8/3/2	0:45:00		
C	Disu				ND	5.0C	µ		1	8/3/2	0:45:00		
C	tetra	de			ND	5.0C	µ		1	8/3/2	0:45:00		
C	benze				ND	5.0C	µ		1	8/3/2	0:45:00		
C	ethan				ND	5.0C	µ		1	8/3/2	0:45:00		
C	form				ND	5.0C	µ		1	8/3/2	0:45:00		
C	metha				ND	5.0C	µ		1	8/3/2	0:45:00		
c	-Dichl	opene			ND	5.0C	µ		1	8/3/2	0:45:00		
D	ochlo	hane			ND	5.0C	µ		1	8/3/2	0:45:00		
D	odiflu	thane			ND	5.0C	µ		1	8/3/2	0:45:00		
E	nzen				ND	5.0C	µ		1	8/3/2	0:45:00		
M	tert-b	ther			ND	10.C	µ		1	8/3/2	0:45:00		
M	ene cl				ND	10.C	µ		1	8/3/2	0:45:00		
S	e				ND	5.0C	µ		1	8/3/2	0:45:00		
T	loroe				ND	5.0C	µ		1	8/3/2	0:45:00		
T	e				ND	5.0C	µ		1	8/3/2	0:45:00		
tr	,3-Dic	prope			ND	5.0C	µ		1	8/3/2	0:45:00		
T	roethe				ND	5.0C	µ		1	8/3/2	0:45:00		
T	rofluo	hane			ND	5.0C	µ		1	8/3/2	0:45:00		
Q	ers	ND - I	tected	e Rep	Limit		S -	Reco	utside	ted re	y limits		
		I - An	letecte	ow qu	ion lir		R -	outsid	pted r	ry lim			
		B - An	detect	the as	ed Me	Blank	E -	above	titatio	ge			
		- Va	ceeds	num C	ominant		RL	orting	:		ge 1 of		

T	ton	rpo	ion					]	22-	05			
CL	:	Clea	bors				Cli	ampl	GA	F			
La	ler:	0508						; Nun					
Pr		Mill					C	tion I	7/2	10:0	PM		
La		0508	1A					Ma	AQ	US			
An	s				ılt	RL	al U		DF	Dat	ılyzed		
PU	ABLE										alyst:		
V	cetat				ND	5.00	µ		1	8/3/2	0:45:00		
V	hlorid				ND	5.00	µ		1	8/3/2	0:45:00		
T	,2-dicl	thene			ND	5.00	µ		1	8/3/2	0:45:00		
T	ylene				ND	5.00	µ		1	8/3/2	0:45:00		
	: Tolu	8			3.3	8-110	%		1	8/3/2	0:45:00		
	: 4-Br	orob	e		02	6-115	%		1	8/3/2	0:45:00		
	: 1,2-I	roeth			01	6-114	%		1	8/3/2	0:45:00		
Oil	GRE	T/R,				2					alyst:		
C	rease	Rec	le		ND	1.00	m		1	8/3/2			

Q	ers	ND - N	tected	e Rep	Limit		S -	Reco	utside	ted re	/ limits		
		- An	letecte	w qu	ion lin		R -	outsid	pted r	ry lim			
		B - An	detect	the as	d Me	lank	E -	abov	titatio	e			
		- Va	ceeds	num C	minant		RL	orting			ge 2 of		

T:	kon	rpo	ion						: 13-	25			
Cl	f:	Clea	rbors				Cli	ampl	Infl				
La	der:	0509						g Nur					
Pr	:	Mill					C	tion	8/2	5 3:30	M		
La		0509	4A					M:	AQ	US			
An	s				ult	RI	ial	U	DF	Dat	alyzed		
PU	ABLE										alyst:		
1	richlo	ane			00	25(		µ	50	9/8/2(	1:58:00		
1	-Tetra	oetha			ND	25(		µ	50	9/8/2(	1:58:00		
1	richlo	ane			ND	25(		µ	50	9/8/2(	1:58:00		
1	hloro	e			ND	25(		µ	50	9/8/2(	1:58:00		
1	hloro	e			ND	25(		µ	50	9/8/2(	1:58:00		
1	hlorol	ne			ND	25(		µ	50	9/8/2(	1:58:00		
1	hloro	e			ND	25(		µ	50	9/8/2(	1:58:00		
1	hloro	ne			ND	25(		µ	50	9/8/2(	1:58:00		
1	hlorol	ne			ND	25(		µ	50	9/8/2(	1:58:00		
1	hlorol	ne			ND	25(		µ	50	9/8/2(	1:58:00		
2	none				ND	50(		µ	50	9/8/2(	1:58:00		
2	roethy	l ethe			ND	25(		µ	50	9/8/2(	1:58:00		
2	none				ND	25(		µ	50	9/8/2(	1:58:00		
4	yl-2-P	one			ND	25(		µ	50	9/8/2(	1:58:00		
A	e				ND	50(		µ	50	9/8/2(	1:58:00		
A	in				ND	250(		µ	50	9/8/2(	1:58:00		
A	itrile				ND	50(		µ	50	9/8/2(	1:58:00		
B	e				ND	25(		µ	50	9/8/2(	1:58:00		
B	dichlo	hane			ND	25(		µ	50	9/8/2(	1:58:00		
B	form				ND	25(		µ	50	9/8/2(	1:58:00		
B	netha				ND	25(		µ	50	9/8/2(	1:58:00		
C	Disul				ND	25(		µ	50	9/8/2(	1:58:00		
C	tetra	de			ND	25(		µ	50	9/8/2(	1:58:00		
C	benze				ND	25(		µ	50	9/8/2(	1:58:00		
C	ethane				ND	25(		µ	50	9/8/2(	1:58:00		
C	form				ND	25(		µ	50	9/8/2(	1:58:00		
C	netha				ND	25(		µ	50	9/8/2(	1:58:00		
c	-Dichl	ppene			ND	25(		µ	50	9/8/2(	1:58:00		
D	ochlo	hane			ND	25(		µ	50	9/8/2(	1:58:00		
D	odiflu	thane			ND	25(		µ	50	9/8/2(	1:58:00		
E	nzen				ND	25(		µ	50	9/8/2(	1:58:00		
M	tert-b	her			ND	50(		µ	50	9/8/2(	1:58:00		
M	ene cl				39	50(		µ	50	9/8/2(	1:58:00		
S	e				ND	25(		µ	50	9/8/2(	1:58:00		
T	loroe				00	125(		µ	250	9/9/2(	:30:00		
T	e				22	25(		µ	50	9/8/2(	1:58:00		
tr	,3-Dic	propel			ND	25(		µ	50	9/8/2(	1:58:00		
T	roethe				00	125(		µ	250	9/9/2(	:30:00		
T	rofluo	hane			ND	25(		µ	50	9/8/2(	1:58:00		
Q	ers	ND -	tected	e Rep	Limit		S -	Reco	utside	ted re	y limits		
		- An	letecte	w qu	ion lin		R -	outsid	pted r	ry lim			
		B - An	detect	the as	d Me	lank	B -	abov	titatio	e			
		- Va	ceeds	num C	minant		RL	orting			ge 5 of		

T	kon	rpo	ion						: 13-	95		
Cl	f:	Clea	rbors				Cli	lampl	Infl			
La	der:	0509						g Nur	:			
Pr	:	Mill					C	tion	8/2	5 3:30	M	
La		0509	4A					M	AQ	US		
An	s				ult	RI	ial U		DF	Dat	alyzed	
PU	ABLE										alyst:	
V	cetat				ND	25(	µ		50	9/8/2	1:58:00	
V	hlorid				ND	25(	µ		50	9/8/2	1:58:00	
T	,2-dicl	thene			30	25(	µ		50	9/8/2	1:58:00	
T	ylene				56	25(	µ		50	9/8/2	1:58:00	
	: Tolu	8			01	8-11(	%		50	9/8/2	1:58:00	
	: Tolu	8			01	8-11(	%		250	9/9/2	:30:00	
	: 4-Br	orob	e		04	6-11	%		50	9/8/2	1:58:00	
	: 4-Br	orob	e		04	6-11	%		250	9/9/2	:30:00	
	: 1,2-[	roeth			09	6-114	%		50	9/8/2	1:58:00	
	: 1,2-[	roeth			12	6-114	%		250	9/9/2	:30:00	
OIL	GRE	T/R,				.2					alyst:	
C	rease	Rec	le		60	1.0(	m		1	9/9/2		

Qu	rs	ND - N	tected	Repc	Limit		S -	Recov	tside	ted re	limits
		- Ana	etecte	w qua	on lim		R -	outsid	pted r	ry lim	
		- An	letect	he ass	d Met	lank	B -	above	titatio	e	
		- Val	ceeds	num C	tinant		RL	orting			ge 6 of

T	con	rpo	ion							13-	05		
CL	t:	Clea	bors				Cli	ampl		Gac			
La	ler:	0509						g Nur					
Pr		Milk					C	tion I		8/2	5 3:30	M	
Lal		0509	1A					M		AQ	US		
An	s				ılt	RL	al U			DF	Dat	alyzed	
PU	ABLE											alyst:	
1	richlo	ane			ND	5.0C	µ			1	9/8/2	):25:00	
1	-Tetra	oethar			ND	5.0C	µ			1	9/8/2	):25:00	
1	richlo	ane			ND	5.0C	µ			1	9/8/2	):25:00	
1	hloroe	e			ND	5.0C	µ			1	9/8/2	):25:00	
1	hloroe	e			ND	5.0C	µ			1	9/8/2	):25:00	
1	hlorot	ne			ND	5.0C	µ			1	9/8/2	):25:00	
1	hloroe	e			ND	5.0C	µ			1	9/8/2	):25:00	
1	hloroj	ne			ND	5.0C	µ			1	9/8/2	):25:00	
1	hlorot	ne			ND	5.0C	µ			1	9/8/2	):25:00	
1	hlorot	ne			ND	5.0C	µ			1	9/8/2	):25:00	
2	none				ND	10.C	µ			1	9/8/2	):25:00	
2	roethy	l ether			ND	5.0C	µ			1	9/8/2	):25:00	
2	none				ND	5.0C	µ			1	9/8/2	):25:00	
4	yl-2-P	one			ND	5.0C	µ			1	9/8/2	):25:00	
A	e				ND	10.C	µ			1	9/8/2	):25:00	
A	n				ND	50.C	µ			1	9/8/2	):25:00	
A	itrile				ND	10.C	µ			1	9/8/2	):25:00	
B	e				ND	5.0C	µ			1	9/8/2	):25:00	
B	dichlor	ane			ND	5.0C	µ			1	9/8/2	):25:00	
B	form				ND	5.0C	µ			1	9/8/2	):25:00	
B	netha				ND	5.0C	µ			1	9/8/2	):25:00	
C	Disul				ND	5.0C	µ			1	9/8/2	):25:00	
C	tetra	de			ND	5.0C	µ			1	9/8/2	):25:00	
C	enze				ND	5.0C	µ			1	9/8/2	):25:00	
C	ethane				ND	5.0C	µ			1	9/8/2	):25:00	
C	form				ND	5.0C	µ			1	9/8/2	):25:00	
C	netha				ND	5.0C	µ			1	9/8/2	):25:00	
c	-Dichl	opene			ND	5.0C	µ			1	9/8/2	):25:00	
D	ochlor	ane			ND	5.0C	µ			1	9/8/2	):25:00	
D	odiflu	thane			ND	5.0C	µ			1	9/8/2	):25:00	
E	nzene				ND	5.0C	µ			1	9/8/2	):25:00	
M	tert-b	her			ND	10.C	µ			1	9/8/2	):25:00	
M	ane ch				ND	10.C	µ			1	9/8/2	):25:00	
S	e				ND	5.0C	µ			1	9/8/2	):25:00	
T	loroe				ND	5.0C	µ			1	9/8/2	):25:00	
T	e				ND	5.0C	µ			1	9/8/2	):25:00	
tr	,3-Dic	propei			ND	5.0C	µ			1	9/8/2	):25:00	
T	roethe				ND	5.0C	µ			1	9/8/2	):25:00	
T	rofluor	hane			ND	5.0C	µ			1	9/8/2	):25:00	
Q	ers	ND - I	tectec	e Rep	Limit		S -	Reco	utside	ted re	y limits		
		I - An	letecte	ow qu	ion lir		R -	outsid	pted r	ry lim			
		B - An	detect	the as	ed Me	Blank	E -	abov	titatio	ge			
		- Va	ceeds	num C	ninant		RL	orting				ge 1 of	

T(	con	rpo:	on							13-,	)5		
CL	':	Clea	bors				Cli	ampl	Gac				
Lal	ler:	0509						; Nun					
Pr(		Mill\					C	tion I	8/27	3:30	M		
Lal		0509	1A					M:	AQ	JS			
An	s				ılt	RL	al	U		DF	Dat	ılyzed	
PUI	ABLE:											alyst:	
V	cetat(				ND	5.00		µ:		1	9/8/2(	):25:00	
V	hlorid(				ND	5.00		µ:		1	9/8/2(	):25:00	
T	,2-dicl	thene			ND	5.00		µ:		1	9/8/2(	):25:00	
T	ylene:				ND	5.00		µ:		1	9/8/2(	):25:00	
	: Tolu(	3			01	8-110		%		1	9/8/2(	):25:00	
	: 4-Br(	orob(	e		03	6-115		%		1	9/8/2(	):25:00	
	: 1,2-D	roetha			10	6-114		%		1	9/8/2(	):25:00	
OIL	GRE	T/R, I	.			2						alyst:	
O	rease	Recc	ile		70	1.00		m		1	9/9/2(		

Qı	ers	ND - N	tectec	e Repc	Limit		S -.	Recov	utside	ted re	/ limits	
		- Ana	letecte	w que	ion lin		R -	outsid	pted r	ry lim		
		3 - An	detect	he ass	d Met	lank	E -	abov(	titatio	e		
		- Val	ceeds	num C	minant		RL	orting				ge 2 of

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: Kempton Road Site, Millville, MA

Operator signature:

Title: Senior Remediation Engineer

Date: 10/19/05

"Bierly, Jason P"
<bierlyj@cleanharbors.com>
10/21/2005 01:09 PM

To GeneralPermits NPDES/R1/USEPA/US@EPA
cc
bcc
Subject RGP NOI - Kempton Road Site, Millville, MA

To whom it may concern;

Please find attached the RGP Notice of Intent for the Kempton Road site in Millville, MA. If you have any questions or comments, please call me at 781-849-1800, extension 1127 or reply to this email.

Thank You,

Jason Bierly
Senior Remediation Engineer
Clean Harbors Environmental Services, Inc.
Remediation and Environmental Construction Division
Phone: (781) 849-1800, ext. 1127
Fax: (781) 794-1760

RGP NOI - Kempton Rd Millville, MA.pdf