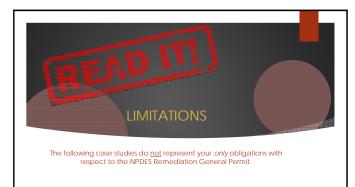
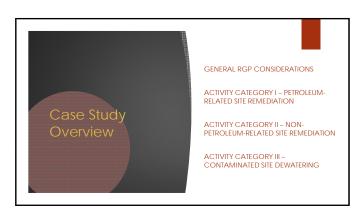
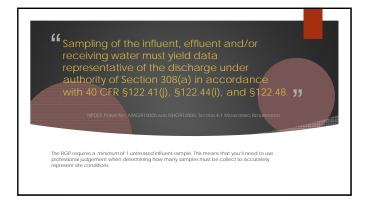
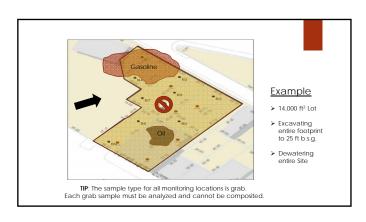
Massachusetts case studies

- Activity Category I Petroleum-Related Site Remediation
- Activity Category II Non-Petroleum-Related Site Remediation
- Activity Category III-G Contaminated Site Dewatering; sites with known contamination
- Other Activity Categories

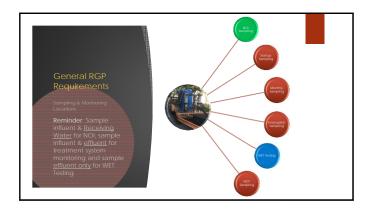






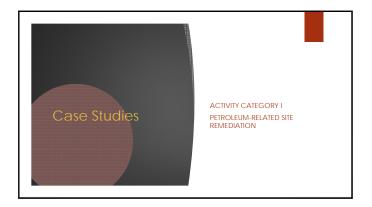




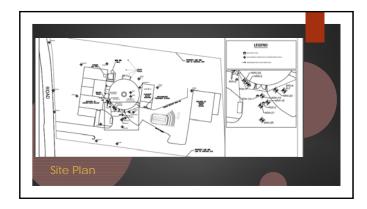


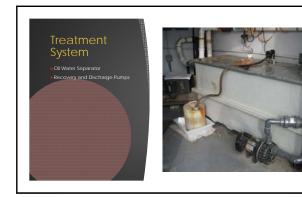


F	RGP Milestones
	A CONTRACTOR OF THE PARTY OF TH
	Make sure your discharge is eligible for coverage under the RGP
	Conduct Requisite Sampling & Prepare Notice of Intent
	Prepare Best Management Practices Plan
	Receive Authorization letter - provides conditions for discharge
	Monitor the discharge per RGP schedule
	Maintain records
	Report as required, including administrative requirements
	Submit Notice of Termination

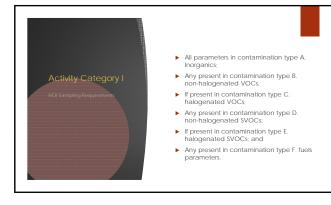


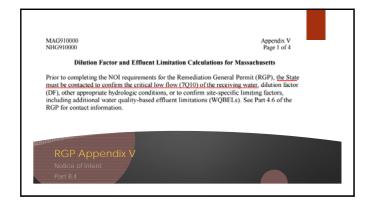












Name of receiving somer(s).	Waterbody identification of receiving water(s):	lanefication of receiving water(x)	
Receiving water is (check any that apply)	□ Outstanding Resource Water □ Ocean Sanctuary □ terr turied as s □ Wild and So	enic Kover	
 Has the operator attached a location mu. Are sensitive receptors present near the staff year, specify: 	p in accordance with the instructions in B, above? (check one): \Box Yes \Box No π^* (check one): \Box Yes \Box No		Notice of Inten
 Indicate if the receiving water(s) to list pollutarits malecated. Also, indicate if a fir 4.6 of the ECP 	d in the State's Integrated List of Waters (i.e., CWA Section 303(d)), Include which is id TMIM, is available for any of the indicated probatants. For more information, conta-	lesignated uses are impaired, and any ct the appropriate State as noted in Part	Part B.1
Indicate the seven day-ten-year low flo Appendix V for sites located in Massachu	ī		
 Indicate the requested dilution factor for accordance with the instructions in Apper 	1		
If yes, indicate date confernation receives	from the appropriate State for the X(10 and dilution factor indicated? (check one); recoving water sampling results as required in Part 4.2 of the RGP in accordance with		

Monitoring of Treatment System Schedule Discharges with Ireatment systems lasting greater than 7 days, and discharges lasting more than a year Startup Sampling ► Influent & Effluent twice during first week: - First day of startup One other non-consecutive day during that week - 5-day TAT with results review within 48 hours of receipt If the effluent meets limitations and the treatment system is operating as designed: One Influenteffluent per week for next three weeks (no earlier than 24-hours after the last sample from the first week) 10-day TAT with results review within 72 hours of receipt



4.5 Record-Keeping Requirements

On-Site Records: Hardcopy or electronic; must be maintained onsite and/or with the operator to be made available upon inspection and/or request by EPA or the State:

- ► A complete copy of this general permit
- A copy of EPA's authorization to discharge and any subsequent modifications
- Copies of any information submitted to EPA, the State, and the municipality

 Copies of any correspondence received from EPA, the State, and the municipality
- ► A copy of the BMPP.

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- PIPES Permit No. MAG910000 and NIG910000

 (6) Whole Effluent Tousicity (WET) Testing

 a. Activity Categories I and II must conduct one (1) acute WET test.²¹

 i. No later than thirty (20) days following authorization to discharge for existing

 ii. No later than thirty (20) days following authorization of discharges for new
 discharges if discharges are expected to last twelve (12) months or more, and

 iii. No later than twelve (12) months following illustion on acute by case basines for
 short-term discharges, nel-ludge; emergency discharges.

 Activity Categories III, V. V. V. VII, and VIII must conduct WIT resting if

 Activity Categories III, V. V. V. VII, and VIII must conduct WIT resting if

 the result of any WET test indicates touccity (i.e., a LCo.¹ 100%), notification
 must be provided within twenty-four (42) bluson to BeTh an accordance with Part 4.6.) is and to the appropriate State via telephone, e-mail or other verbal or written
 mension in accordance with Part 6.3 b or c. than discharge may cause or
 contribute to an excursion above applicable water quality standards, EPA and/or the
 appropriate state may require additional WET requirements as authorized at 40 CFR 1122-44(61) (v). If additional WET requirements apply.

 EPA will provide the reasons feel the additional requirements not the operatory
 in versiling, and will specify the monitoring and reporting requirements and/or limitation.

RGP Section 4.1

WET Testing

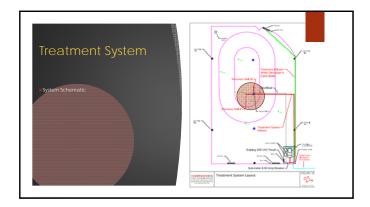


ACTIVITY CATEGORY II NON-PETROLEUM-RELATED

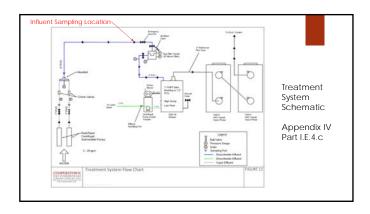












E. Treatment system information

- $1. \ \ Indicate the type(s) of treatment that will be applied to effluent prior to discharge.$
- Provide a written description of any treatment system(s) or processes that will be applied to the effluent prior to discharge, identify each major treatment component (e.g., fractionation tanks, filter units/media, chemical feed tank, air stripping unit).
- 3. Provide the design flow capacity of the most limiting component in gallons per minute (gpm). Clearly slemify the component of the treatment system or process with the most limited flows, i.e., the component and the establishes the design flow or otherwise controls the rate and/or volume of discharge, Indicate the proposed maximum and average effluent flow, Indicate if use of a flow meet is infeasible and proved participants. If Activity of the Composition of
- Attach a line drawing or screenane or entirent now whit ne nonoming ancess, at a minimum.

 a. The directive selection of order floor from the point of generation to the receiving states;

 a. The directive selection of order floor from the point of generations to the receiving states;

 a. The directive selection of the selection of the point of generation with estimated volume;

 b. Any testiment systems or processes with design flow(s);

 c. Suncharge, positio-with estimated volume;

 c. Sampling points, if different than discharge points; and

 f. Rocciving walter(s).

Appendix IV





Best Management Practices Plan See Section 2.5 of RGP for complete Instructions TIP: Don't forget to include the BMPP Certification Statement in the NOI to certify that the BMPP has been or will be developed and implemented upon initiation of discharge. TIP: BMPP Requires Annual Certification of Compliance Statement for those discharges lasting greater than 12 months on or before Jan 15 each calendar year or upon NOT of discharges less than one year.

NPDEN Fermit No. MAG910000 and NHG910000

6. Whole Efflorest Texicity (WED) Testing

1. Activity. Culevaries famel it must conduct one CLauses. REC (acc. 2)

2. Activity. Culevaries famel it must conduct one CLauses. REC (acc. 2)

3. No let text than twelve (12) moreths following authorization to discharge for existing discharges are expected to last twelve (12) moreths on more and in. If requested by EPA and/or the appropriate State on a case-by-case basis for requested by EPA and/or the appropriate State on a case-by-case basis for requested by EPA and/or the appropriate State on a case-by-case basis.

c. If the result of any WET test indicates toxicity (c. a.) LC₀ < 100%, notification must be provided within twerty-four (24) hours to EPA in accordance with Part 4.5. d. and to the appropriate State on a case-by-case basis.

c. If the result of any WET test indicates toxicity (c. a.) LC₀ < 100%, notification must be provided within twerty-four (24) hours to EPA in accordance with Part 4.5. d. and to the appropriate State with leptone, e-mail or other verbal or writing means in accordance with Part 4.5. d. because the properties State with results of the continuous and the capacity of the appropriate State on a case-by-case basis.

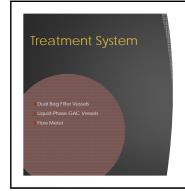
c. If the result of any WET test indicates with Part 4.5. d. because the properties state with results of the continuous and continuous development of the continuous and the capacity of the development of the properties state with the properties state with the properties state with the continuous and continuo









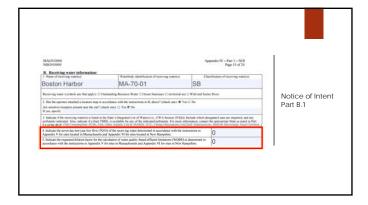




	Covered by the Rei	mediation General Permit	
Activity Category		Contamination Type	
I. Petroleum-Related Site Remediation II. Non-Petroleum-Related Site Remediation	C. Halogenated V. D. Non-Halogena	ted Volatile Organic Compounds olatile Organic Compounds ted Semi-Volatile Organic Compounds emi-Volatile Organic Compounds ts	Remediation General Perm Part 1
Activity Category		Contamination Type	
III. Contaminated Site Dewatering IV. Pipeline and Tank Dewatering V. Aquifer Pump Testing VI. Well Development/Rehabilitation VII. Collection Structure Dewatering/Remediation VIII. Dredge-Related Dewatering	G. Sites with Known Conference in H. Sites with Unknown Contamination	A. Inorganics B. Non-Halogenated Volatile Organic Compounds C. Halogenated Volatile Organic Compounds D. Halogenated Volatile Organic Compounds D. Non-Halogenated Semi-Volatile Organic Compounds E. Halogenated Semi-Volatile Organic Compounds F. Fuels Parameters	

public safety, or the environment, or to reestablish essential public services. The term "new discharge" refers to any discharge that is not an existing or emergency discharge. The term "new discharge" refers to any discharge that is not an existing or comergency discharge. The term "Notices and in Commission Type G. above, refers to site with fills, characterized and/or specific contamination type categories, where positiones have been quantified in one incremental samples, and lock data meet minimum data validations base been quantified in one incremental samples. All cold data meet minimum data validations requirements. Activity Categories III-G through Full cold and new instruments and the contamination Type III-depress A flivough F, that are present. The term "unknown" used in Contamination Type III, above, refers to also broadly associated with

		1			
Unknown Contamination Remediation General Permit PAR	T 1.1				
	THE PERSON NAMED IN COLUMN TO PERSON NAMED I				
samples, and such data meet minimum data validation requirements. ³ Activity through VIII-G must select all Contamination Type Categories A through F, th	at are present. The				
term "unknown" used in Contamination Type H, above, refers to sites broadly contamination that may or may not be fully characterized, including, but not where pollutants may be present, but all potential pollutants have not been ou	associated with limited to sites antified or				
pollutants have been quantified, but such data do not meet minimum data val requirements. For Activity Categories III-H through VIII-H, Contamination I through F apply. For the purposes of this general permit, a pollutant is "know	Type Categories A.				
		' —			
		-			
samples, and such data meet minimum data validation requirements. ³ Activity Categor through VIII-G must select all Contamination Type Categories A through Ft, that are p term "unknown" used in Contamination Type H, above, refers to sites broadly associat	resent. The General Permit				
contamination that may or may not be fully characterized, including, but not limited where pollutants may be present, but all potential pollutants have not been quantified pollutants have been quantified, but such data do not meet minimum data validation	to sites				
requirements. For Activity Categories III-H through VIII-H, Contamination Type Ca through F apply. For the purposes of this general permit, a pollutant is "known prese	tegories A nt" if				
]			
Dilution Factor A DF for sites that discharge to freshwater receiving waters in Massachusetts is calculated using the equation below. Alternate calculation methods for DFs may be acceptable if approved by the					
State: A DE for sites that discharge to saltwater receiving waters in Massachusetts is assumed to be 1:1, unless otherwise approved on a case-by-case basis by the State.	Notice of Intent			 	
	Part B.4		·		
The state of the s	RGP Appendix V				





Appendix IV NOI Instructions

Part I.D.1.g Site Plan

D. Discharge information

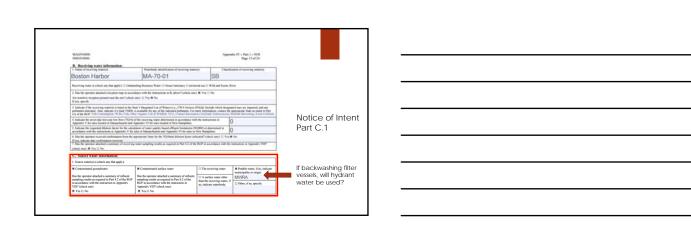
- 1. Provide the following information
 - indicate it the discharge(s) is an existing discharge, an emergency discharge, a new discharge, or a new source, as defined by 40 CFR §122.2. New sources are not eligible for coverage under the RGP.
 - Indicate the pathway by which the discharge(s) enters the receiving water. Provide narrative description, if necessary.
 - Indicate the outfall(s) location(s), including geographic coordinates (i.e., latitude an longitude). For multiple outfalls, assign the outfall numbers sequentially, beginning with Outfall 001.
 - Indicate if the discharge is expected to occur over a duration of less than 12 months,
 months or more, or is an emergency discharge (14 days or less).
 - f. Indicate the month and year requested for permit coverage to be effective. Note that timeframes specified in the RGP begain upon the effective due of coverage. Be as precise as possible. The effective date of permit coverage will generally be the first of the month, when practicable. If the start and/or end dates of discharge change, an operator may submit a Notice of Change to EPA to provide notification of such an administrative change. Refet to Appendix VI, Part 2 for additional information

Provide a size plan with the following labels, at a minimum: the size boundary, the receiving wasterly, the discharge point(s) to the receiving wasterly, the bocation of the monitoring point(s), when different from the discharge point(s), the location of any surface or subsurface infrastructure that will be used to convey discharges, the location of simuctures, if present or under contraction, the location of any treatment system(s) present. Indicate a loundary line dowing the extent of continuation, of known. EPA makes the attachments to the NOI publishy available. Do not disclose

Appendix IV Part I.D.1

Corrective Actions & Interruption Sampling See Part 2.5.2.e.iii & 4.3.2 of the RGP Corrective Actions 1) The discharge must stop 2) The operator must immediately take all reasonable steps to minimize or prevent the discharge following completion of corrective actions or prevent the discharge following completion of corrective actions or prevent the discharge following completion of corrective actions or prevent the discharge following completion of corrective actions or prevent the discharge following completion of corrective actions or prevent the discharge following completion of corrective actions that the prevent the discharge following completion of corrective actions the discharge following completion of corrective actions that the discharge following corrective actions that the discharge following corrective actions the discharge following corrective ac





NOT Sampling

Sample for all parameters required by the Activity Category (not just those that EPA specified in the Authorization to Discharge) as follows:

- as rollows:

 ► Influent/effluent twice during last week of discharge

 ► Final day of discharge

 ► Some other non-consecutive day prior to termination
- ▶ 10-day TAT and review results within 72-hours of receipt

Exceptions

- If you have data from within the last 3 months prior to termination of discharge that meets the sampling requirements of the RGP, it can be substituted
 - Ex) Monthly sampling results that achieve MLs

TIP: Attach a summary of all monitoring results from the initiation of discharge through termination.

Other Activity Categories

• Activity category iv: Pipeline &



Other Activity Categories

 Activity category v: Aquifer Pump Testing



Activity	

 Activity category vI: Well Development/ Rehabilitation



Photo by C. Vakalopoulos

Other Activity Categories

• Activity category vII: Collection Structure Dewatering/ Remediation



Photo by C. Vakalopoulos

Other Activity Categories

 Activity category vIII: Dredge-Related Dewatering



Photo by FWS, Public Domain