Pamela F. Faggert
Vice President and Chief Environmental Officer

Dominion Resources Services, Inc.
5000 Dominion Boulevard, Glen Allen, Virginia 23060
Phone: 804-273-3467

Dominion®

January 18, 2007

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

Re: Dominion Energy Salem Harbor LLC, Salem, Massachusetts
NOI for Coverage under the Remediation General Permit (RPG) for Massachusetts

Dear Sir or Madam,

Dominion is pleased to submit the attached National Pollutant Discharge Elimination System (NPDES) Notice of Intent (NOI) for coverage under the Remediation General Permit (RGP) for the Dual Phase Extraction System project at Salem Harbor Station located in Salem, Massachusetts. The Dual Phase Extraction system will remove petroleum-contaminated groundwater due to an historic spill of No. 2 fuel oil. The removed groundwater will be treated prior to being discharged to Salem Harbor, as shown in figure 1.

The proposed groundwater treatment system is expected to continuously operate at rates ranging from 1.5 gpm to 2 gpm for approximately 6 to 12 months. The system will be maintained and monitored in accordance with all applicable requirements under the RGP.

Dominion is requesting a dilution factor be applied to the discharge of metals, including iron, as is routinely done in accordance with EPA Permit guidance for discharges to fresh water in Massachusetts. A dilution factor approach is applicable to this discharge given the low discharge volume compared with Salem Harbor's 9-foot tide range and the resultant mixing that will occur (i.e. greater than 100:1). Applying a dilution factor to metals will not be detrimental to the aquatic environment at these flow rates.

Salem Harbor is listed on the Massachusetts 303(d) list as an impaired water body for pathogens. Discharge of treated effluent from the groundwater treatment system will be in compliance with the effluent limitations contained in the RGP and there will be no discharge of pathogens.

For Essex County, where the Station is located, the shortnose sturgeon is the only federally-listed endangered specie. The shortnose sturgeon is found in the Merrimack River but is not known to inhabit Salem Harbor. This project is not located near, nor will

it discharge to, the Merrimack River. Therefore, there are no endangered or threatened species or critical habitat in the proximity of Salem Harbor Station. Additionally, based on the Massachusetts Natural Heritage Atlas 11th edition, there are no priority habitats of rare species or estimated habitats of rare wildlife and certified vernal pools in the vicinity of Salem Harbor Station or the outfall location.

Historic correspondence from the Massachusetts Division of Marine Fisheries (DMF) and Massachusetts Historical Commission (MHC) for coverage under the Multi-Sector General Permit (MSGP) is attached. In 1999, the MDF responded that they were unaware of any rare plants or animals or exemplary natural communities in the area of the site. The MHC concluded that the project was unlikely to affect any significant historical or archaeological resources. A letter was submitted in December 2006 to the MHC requesting review for eligibly under this general permit and if there have been any changes since the 1999 review. We are currently waiting for a response from MHC.

If you have any questions concerning this NOI or would like additional information please feel free to call Meredith M. Simas at (508) 646-5338.

Sincerely,

Pamela F. Faggert

Pamela F. Faggert

Dominion Salem Harbor
Salem, Massachusetts

Former Northeast Petroleum Area

Dual Phase Extraction Remediation Project
RTN 3-204421

NOTICE OF INTENT FOR COVERAGE UNDER THE REMEDIATION GENERAL PERMIT

Submitted to:
U.S. Environmental Protection Agency, Region 1

January 2007

INDEX

1

NOTICE OF INTENT

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

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

<table>
<tr><td colspan="2">a) Name of facility/site:
Salem Harbor Station</td><td colspan="4">Facility/site address:
24 Fort Avenue
Salem, MA 01970</td></tr>
<tr><td>Location of facility/site:
longitude: 70°52'40"W latitude: 42°31'30"N</td><td>Facility SIC code(s):
4911</td><td colspan="4">Street:
same as above</td></tr>
<tr><td colspan="2">b) Name of facility/site owner: Dominion Salem Harbor, LLC</td><td colspan="4">Town: Salem</td></tr>
<tr><td colspan="2" rowspan="2">Email address of owner:
anthony_c_wheelock@dom.com</td><td rowspan="2">State:
MA</td><td rowspan="2">Zip:
01970</td><td rowspan="2">County:
Essex</td><td></td></tr>
<tr><td colspan="2">Telephone no.of facility/site owner: (978) 740-8200</td></tr>
<tr><td colspan="2">Fax no. of facility/site owner: (978) 740-8305</td><td colspan="4" rowspan="2">Owner is (check one): 1. Federal ____ 2. State/Tribal ____
3. Private ✔ 4. other, if so, describe:</td></tr>
<tr><td colspan="2">Address of owner (if different from site):</td></tr>
<tr><td colspan="6">Street: 5000 Dominion Blvd.</td></tr>
<tr><td>Town: Glen Allen</td><td>State: VA</td><td>Zip: 23060</td><td colspan="3">County: VA</td></tr>
<tr><td rowspan="2">c) Legal name of operator:
Dominion Salem Harbor, LLC</td><td colspan="5">Operator telephone no: (978) 740-8200</td></tr>
<tr><td colspan="2">Operator fax no.: (978) 740-8305</td><td colspan="3">Operator email:
anthony_c_wheelock@dom.com</td></tr>
<tr><td colspan="6">Operator contact name and title: Anthony C. Wheelock, Sr. Environmental Compliance Coordinator</td></tr>
</table>

Address of **operator** (if different from owner):	Street: 24 Fort Avenue		
Town: Salem	State: MA	Zip: 01970	County: Essex

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: MAD00005096 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:
Treated groundwater from a dual phase extraction system.

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 .004 (2 gpm) Average flow .003(1.5gpm) 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 cubic feet/second; The design flow of the treatment system is significantly higher than the anticiapted maximum flow rate.

3) Latitude and longitude of each discharge within 100 feet: pt.1:long.-70.8 lat.42.52; 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): n/a	5) Is the discharge intermittent_____ or seasonal_____? Is discharge ongoing Yes____ No_____? discharge will be continuous when it commences
c) Expected dates of discharge (mm/dd/yy): start 02/01/07 end 12/31/07	
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	✔		0							
2. Total Residual Chlorine	✔		0							
3. Total Petroleum Hydrocarbons		✔	1	grab	8100		330K	3.5973	330,000	2.7
4. Cyanide	✔		8	grab			ND	0	ND	0
5. Benzene		✔	35	grab	98-1	3	67	0.0007	1.91	0.0000
6. Toluene	✔		35	grab	98-1	3	ND	0	ND	0
7. Ethylbenzene		✔	35	grab	98-1	3	15	0.0002	0.88	0.0000
8. (m,p,o) Xylenes		✔	35	grab	98-1	3	17.4	0.0001	0.85	0.0000
9. Total BTEX[4]		✔	35	grab	98-1	-	99.4	0.0010	3.64	0.0000

[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)	✔		0							
11. Methyl-tert-Butyl Ether (MtBE)		✔	35	grab	98-1	2	2.2	0.0000	0.06	0.0000
12. tert-Butyl Alcohol (TBA)	✔		0							
13. tert-Amyl Methyl Ether (TAME)	✔		0							
14. Naphthalene		✔	35	grab	98-1	10	128	0.0014	13.03	0.0001
15. Carbon Tetra-chloride	✔		4	grab	624	1	ND	0	ND	0
16. 1,4 Dichlorobenzene	✔		4	grab	624	5	ND	0	ND	0
17. 1,2 Dichlorobenzene	✔		4	grab	624	5	ND	0	ND	0
18. 1,3 Dichlorobenzene	✔		4	grab	624	5	ND	0	ND	0
19. 1,1 Dichloroethane	✔		4	grab	624	1.5	ND	0	ND	0
20. 1,2 Dichloroethane	✔		4	grab	624	1.5	ND	0	ND	0
21. 1,1 Dichloroethylene	✔		4	grab	624	1	ND	0	ND	0
22. cis-1,2 Dichloro-ethylene	✔		4	grab	624	1	ND	0	ND	0
23. Dichloromethane (Methylene Chloride)	✔		4	grab	624	1	ND	0	ND	0
24. Tetrachloroethylene	✔		4	grab	624	1.5	ND	0	ND	0

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	✔		4	grab	624	2	ND	0	ND	0
26. 1,1,2 Trichloroethane	✔		4	grab	624	1.5	ND	0	ND	0
27. Trichloroethylene	✔		4	grab	624	1	ND	0	ND	0
28. Vinyl Chloride	✔		4	grab	624	2	ND	0	ND	0
29. Acetone	✔		4	grab	624	10	ND	0	ND	0
30. 1,4 Dioxane	✔		0							
31. Total Phenols	✔		0							
32. Pentachlorophenol	✔		0							
33. Total Phthalates [5] (Phthalate esthers)	✔		0							
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔		0							
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		✔	34	grab	98-1	-	1670	0.0182	98.4	0.0008
a. Benzo(a) Anthracene		✔	34	grab	98-1	0.05	340	0.0037	20.07	0.0002
b. Benzo(a) Pyrene		✔	34	grab	98-1	0.05	250	0.0027	14.74	0.0001
c. Benzo(b)Fluoranthene		✔	34	grab	98-1	0.06	230	0.0025	13.58	0.0001
d. Benzo(k) Fluoranthene		✔	34	grab	98-1	0.22	290	0.0032	17.06	0.0001
e. Chrysene		✔	34	grab	98-1	0.22	560	0.0061	32.95	0.0003

[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	✔		34	grab	98-1	1	ND	0	ND	0
g. Indeno(1,2,3-cd) Pyrene	✔		34	grab	98-1	1	ND	0	ND	0
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		✔	34	grab	98-1	-	352.2	0.0039	23.44	0.0002
h. Acenaphthene		✔	34	grab	98-1	5	39.1	0.0004	1.97	0.0000
i. Acenaphthylene	✔		34	grab	98-1	5	ND	0	ND	0
j. Anthracene	✔		34	grab	98-1	5	ND	0	ND	0
k. Benzo(ghi) Perylene	✔		34	grab	98-1	0.5	ND	0	ND	0
l. Fluoranthene		✔	34	grab	98-1	5	14.7	0.0002	0.86	0.0000
m. Fluorene		✔	34	grab	98-1	5	94.4	0.0010	6.99	0.0001
n. Naphthalene-		✔	34	grab	98-1	5	115	0.0013	7.46	0.0001
o. Phenanthrene		✔	34	grab	98-1	5	69.6	0.0008	5.28	0.0000
p. Pyrene		✔	34	grab	98-1	5	19.4	0.0002	0.88	0.0000
37. Total Polychlorinated Biphenyls (PCBs)	✔		7	grab	8082	200-500	ND	0	ND	0
***3*8. Antimony**	✔		7	grab	6010B	5	ND	0	ND	0
39. Arsenic		✔	13	grab	6010B	5	7	0.0001	0.54	0.0000
40. Cadmium	✔		13	grab	6010B	4	ND	0	ND	0
41. Chromium III		✔	13	grab	6010B	10	20	0.0002	1.54	0.0000
42. Chromium VI	✔		7	grab		20-50	ND	0	ND	0

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		✔	13	grab	6010B	10	30	0.0003	6.92	0.0001
44. Lead		✔	13	grab	6010B	10	35	0.0004	3.92	0.0000
45. Mercury	✔		13	grab	7470A	0.2	ND	0	ND	0
46. Nickel	✔		7	grab	6010B	20	ND	0	ND	0
47. Selenium	✔		13	grab	6010B	10	ND	0	ND	0
48. Silver	✔		13	grab	6010B	7	ND	0	ND	0
49. Zinc	✔		13	grab	6010B	50	ND	0	ND	0
50. Iron		✔	13	grab	6010B	50	14000	0.1526	4300	0.035
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? iron
Step 2: For any metals which have **reasonable potential** to exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c) (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metals: Not Applicable - saltwater discharge DF: 0	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: iron

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

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

The proposed dewatering treatment system is designed to handle up to 20 gpm of dewatering effluent and is expected to periodically operate at rates ranging from 5 gpm to 20 gpm, when required. The treatment system will consist of the following process components: 1) 10,000 gallon fractionation tank for removal of suspended solids, settleable solids, and oil and grease if present; 2) Bag filters (35 micron to 50 micron) for effluent polishing prior to granular activated carbon (GAC) treatment; 3) Two (2) 1000-pound GAC filters connected in series. Treated effluent from the system will be discharged to the Taunton River via Brayton Point Station's Outfall 013.

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 1.5 Maximum flow rate of treatment system 2 Design flow rate of treatment system 30

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

no chemical additives are proposed.

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:

The water will be converyed to the discharge canal and Salem Harbor via an existing stormwater drain located near the remediation project.

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 SB,

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

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes ✔ No ☐ If yes, for which pollutant(s)?
pathogens

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 ? ☐ 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.

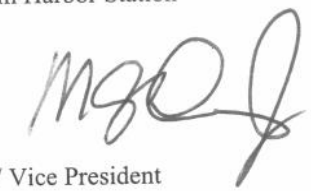
See sections 2, 3 and 4 of the application for supplemetal information including a summary of analytical data, figures and agency correspondences.

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: Salem Harbor Station

Operator signature:



Title: M. G. Deacon, Jr./ Vice President

Date: 01/18/07

2

FIGURES

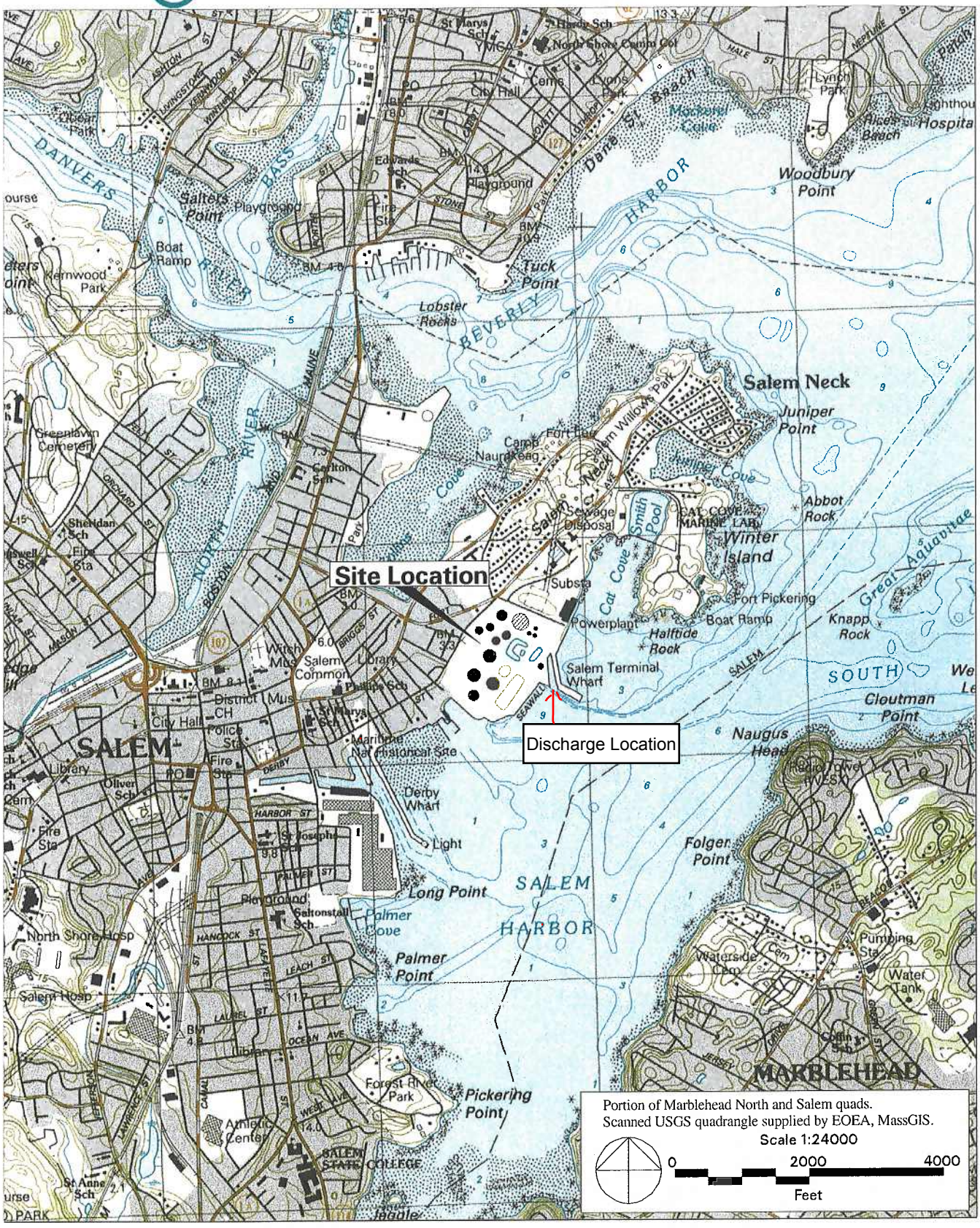


Figure 1
Site Locus Map
Former Northeast Petroleum Site
Salem Harbor Station, Salem, Massachusetts

LEGEND

- WATER
- AIR
- ELECTRIC
- H H HIGH HIGH
- H L HIGH LOW
- L L LOW LOW
- (P) PRESSURE GAUGE
- (G) FLOW GAUGE
- (V) VACUUM GAUGE
- (F) FLOW METER
- (S) SAMPLING PORT (MANUAL)

AUX. AIR FILTER INLET
AUX. AIR DISCHARGE
OIL SEALED VACUUM BLOWER AND PD BLOWER
VALVE (TYP)
FLEX HOSE
TREATED AIR DISCHARGE
RECYCLE LINE
OIL FILTER RECYCLER
AGAC IN SERIES
PARTICULATE/LIQUID FILTER
RECYCLE LINE
AIR BLEED VALVE
SYSTEM CONTROL PANEL
PHASE SEPARATOR
CLEAN OUT
SLURP TUBE
MANUAL DRAIN
AUTO TRANSFER PUMP
OIL-WATER SEPARATOR
AUTO TRANSFER PUMP
FLEX HOSE
TREATED DISCHARGE
LGAC IN SERIES
EXTRACTION WELL

EarthTech

Process Flow Diagram
Bioslurping/Duel Phase Extraction System
Former Northeast Petroleum Area
Salem Habor Station
Salem, Massachusetts

3

ANALYTICAL DATA SUMMARY

Analytical Parameter/Method	Units	ETB-625R	ETB-620R	ETB-404R	ETB-302R	ET-401	ET-401	ET-401	ET-401	ET-402	ET-402	ET-402	ET-402
Sample Date (all grabs)		1-Aug-06	1-Aug-06	1-Aug-06	1-Aug-06	31-May-01	12-Feb-02	24-Apr-03	14-Aug-03	31-May-01	12-Feb-02	24-Apr-03	14-Aug-03
EPH by MADEP-EPH-98-1	(mg/L)												
C9-C18 Aliphatic Hydrocarbons		ND [0.0]	ND [0.0]	ND [0.0]	ND [0.0]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
C19-C36 Aliphatic Hydrocarbons		ND [0.0]	ND [0.0]	ND [0.0]	ND [0.0]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
C11-C22 Aromatic Hydrocarbons		ND [0.0]	ND [0.0]	0.106	ND [0.0]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
VPH by MADEP-VPH-98-1	(mg/L)												
C5-C8 Aliphatic Hydrocarbons		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
C9-C12 Aliphatic Hydrocarbons		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.059	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
C9-C10 Aromatic Hydrocarbons		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.071	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
VOCs by MADEP 98-1	(mg/L)												
Benzene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
Ethylbenzene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
Methyl tert-butyl ether		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.0022	ND [0.000]	ND [0.000]	ND [0.000]
Naphthalene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.0081	ND [0.000]	ND [0.000]	ND [0.000]	0.0026	ND [0.000]	ND [0.000]	ND [0.000]
Toluene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
m- & p- Xylenes		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.0026	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
o-Xylene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
PAHs by MADEP 98-1	(mg/L)												
2-Methylnaphthalene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Acenaphthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Acenaphthylene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Benzo(a)anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Benzo(a)pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Benzo(b)fluoranthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Benzo(g,h,i)perylene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Benzo(k)fluoranthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Chrysene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Dibenzo(a,h)Anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Fluoranthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Fluorene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Indeno(1,2,3-cd)Pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Naphthalene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Phenanthrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]

Analytical Parameter/Method	Units	ET-403	ET-403	ET-403	ET-403	ET-404	6" Al	6" Al	ETB-624	ETB-624	ETB-625	ETB-626	ETB-626
Sample Date (all grabs)		31-May-01	12-Feb-02	24-Apr-03	14-Aug-03	31-May-01	24-Apr-03	14-Aug-03	24-Apr-03	14-Aug-03	24-Apr-03	24-Apr-03	14-Aug-03
EPH by MADEP-EPH-98-1	(mg/L)												
C9-C18 Aliphatic Hydrocarbons		0.270	ND [0.000]	ND [0.000]	ND [0.000]	0.920	ND [0.000]	ND [0.000]	184.0	19.5	0.378	17.4	0.5
C19-C36 Aliphatic Hydrocarbons		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.14	ND [0.000]	15.90	1.93	ND [0.000]	2.55	0.112
C11-C22 Aromatic Hydrocarbons		1.6	ND [0.000]	ND [0.000]	ND [0.000]	0.810	ND [0.000]	ND [0.000]	69.70	4.66	0.168	10.5	0.804
VPH by MADEP-VPH-98-1	(mg/L)												
C5-C8 Aliphatic Hydrocarbons		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.066	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
C9-C12 Aliphatic Hydrocarbons		0.430	ND [0.000]	ND [0.000]	ND [0.000]	0.140	ND [0.000]	ND [0.000]	1.28	0.995	0.108	2.17	0.875
C9-C10 Aromatic Hydrocarbons		0.760	ND [0.000]	ND [0.000]	ND [0.000]	0.370	ND [0.000]	ND [0.000]	0.66	0.6	0.045	0.617	0.605
VOCs by MADEP 98-1	(mg/L)												
Benzene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.067	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
Ethylbenzene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.0104	ND [0.015]
Methyl tert-butyl ether		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
Naphthalene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.128	0.0524
Toluene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
m- & p- Xylenes		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.0131	ND [0.000]
o-Xylene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	0.0035	ND [0.000]
PAHs by MADEP 98-1	(mg/L)												
2-Methylnaphthalene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.050	ND [0.00]	ND [0.00]	ND [0.00]	0.0104	ND [0.00]	0.128	0.0204
Acenaphthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0128	ND [0.00]	0.0391	ND [0.00]
Acenaphthylene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Benzo(a)anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0019	0.00019	ND [0.00]	0.00018	ND [0.00]
Benzo(a)pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0012	ND [0.00]	ND [0.00]	0.00006	ND [0.00]
Benzo(b)fluoranthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0018	ND [0.00]	ND [0.00]	0.00008	ND [0.00]
Benzo(g,h,i)perylene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Benzo(k)fluoranthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Chrysene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.00025	ND [0.00]	0.00012	ND [0.00]
Dibenzo(a,h)Anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Fluoranthene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0147	ND [0.00]
Fluorene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0944	0.044	ND [0.00]	0.0538	0.0084
Indeno(1,2,3-cd)Pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]
Naphthalene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.115	0.0086	ND [0.00]	0.0618	0.0230
Phenanthrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0054	ND [0.00]	ND [0.00]	ND [0.00]	0.0262	ND [0.00]	0.0696	0.0082
Pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	0.0194	ND [0.00]	ND [0.00]	0.0104	ND [0.00]

Analytical Parameter/Method	Units	ETB-627	ETB-627	ETB-628	ETB-629	ETB-630	1	2	3	4	B-202	B-202
Sample Date (all grabs)		24-Apr-03	14-Aug-03	7-Jan-04	7-Jan-04	7-Jan-04					24-Apr-03	14-Aug-03
EPH by MADEP-EPH-98-1	(mg/L)											
C9-C18 Aliphatic Hydrocarbons		5.33	2.89	11.4	5.15	0.730	11.4	5.15	0.730		ND [0.000]	ND [0.000]
C19-C36 Aliphatic Hydrocarbons		0.988	0.734	1.14	0.742	ND [0.000]	1.14	0.742	ND [0.0]		ND [0.000]	ND [0.000]
C11-C22 Aromatic Hydrocarbons		3.48	1.83	3.66	0.948	0.830	3.66	0.948	0.830		ND [0.000]	ND [0.000]
VPH by MADEP-VPH-98-1	(mg/L)											
C5-C8 Aliphatic Hydrocarbons		ND [0.000]	ND [0.000]	0.175	0.218	ND [0.000]	0.175	0.218	ND [0.00]	ND [0.00]	ND [0.000]	ND [0.000]
C9-C12 Aliphatic Hydrocarbons		1.03	0.88	8.04	2.36	3.74	8.04	2.36	3.74	ND [0.00]	ND [0.000]	ND [0.000]
C9-C10 Aromatic Hydrocarbons		0.737	0.635	0.606	0.201	0.264	0.606	0.201	0.264	ND [0.00]	ND [0.000]	ND [0.000]
VOCs by MADEP 98-1	(mg/L)											
Benzene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
Ethylbenzene		0.0053	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
Methyl tert-butyl ether		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
Naphthalene		0.0946	0.0584	0.018	0.018	0.02	0.018	0.018	0.02	ND [0.000]	ND [0.000]	ND [0.000]
Toluene		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
m- & p- Xylenes		0.0063	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
o-Xylene		0.0043	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]
PAHs by MADEP 98-1	(mg/L)											
2-Methylnaphthalene		0.0702	0.045	0.126	ND [0.00]	0.035	0.126	ND [0.00]	0.035		ND [0.00]	ND [0.00]
Acenaphthene		0.015	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Acenaphthylene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Benzo(a)anthracene		ND [0.00]	ND [0.00]	0.34	ND [0.00]	ND [0.00]	0.34	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Benzo(a)pyrene		ND [0.00]	ND [0.00]	0.25	ND [0.00]	ND [0.00]	0.25	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Benzo(b)fluoranthene		ND [0.00]	ND [0.00]	0.23	ND [0.00]	ND [0.00]	0.23	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Benzo(g,h,i)perylene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Benzo(k)fluoranthene		ND [0.00]	ND [0.00]	0.29	ND [0.00]	ND [0.00]	0.29	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Chrysene		ND [0.00]	ND [0.00]	0.56	ND [0.00]	ND [0.00]	0.56	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Dibenzo(a,h)Anthracene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Fluoranthene		0.0147	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Fluorene		0.0214	0.0156	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Indeno(1,2,3-cd)Pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Naphthalene		0.0256	0.0198	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]
Phenanthrene		0.023	0.0148	0.0098	ND [0.00]	0.0064	0.0098	ND [0.00]	0.0064		ND [0.00]	ND [0.00]
Pyrene		ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]	ND [0.00]		ND [0.00]	ND [0.00]

Analytical Parameter/Method	Units	B-201	B-201	B-201	B-201	B-201	B-201	B-201	B-201	B-201	B-201	B-202	B-202
Sample Date (all grabs)		5-May-05	18-Jul-05	15-Sep-05	2-Nov-05	12-Dec-05	9-Mar-06	12-May-06	9-Jun-06	6-Sep-06	6-Nov-06	6/4/2003	6-Apr-04
Total VOCs by GC/MS 624	(ug/l)												
VOCS (all)		ND [0.000]			ND [0.000]			ND [0.000]			ND [0.000]		ND [0.000]
GC Petroleum Scan by 8100	(mg/L)												
Total Petroleum Hydrocarbons													
Misc Parameters													
Chromium, Hexavalent												ND [0.000]	
Cyanide, Physiologically Available												ND [0.000]	
Free Cyanide												ND [0.000]	
PCBs													
Total Metals by 6010B (Hg 7470A)	(mg/L)												
Arsenic			ND [0.000]	0.007		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Cadmium			ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Chromium			ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Copper			0.01	0.01		0.03	ND [0.000]		0.01	0.01			ND [0.000]
Iron			6.3	7.9		14	5.9		8.3	5			1
Lead			ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Mercury			ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Selenium			ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Silver			ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Zinc			ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]			ND [0.000]
Antimony													
Nickel													

Analytical Parameter/Method	Units	B-202	B-202	B-202	B-202	B-202	B-202	B-202	B-202	ETB-625R	ETB-620R	ETB-404R	ETB-302R
Sample Date (all grabs)		6-Jun-05	15-Sep-05	17-Oct-05	12-Dec-05	9-Mar-06	11-Apr-06	9-Jun-06	6-Oct-06	1-Aug-06	1-Aug-06	1-Aug-06	1-Aug-06
Total VOCs by GC/MS 624	(ug/l)												
VOCS (all)				ND [0.000]			ND [0.000]		ND [0.000]				
GC Petroleum Scan by 8100	(mg/L)												
Total Petroleum Hydrocarbons													
Misc Parameters													
Chromium, Hexavalent													
Cyanide, Physiologically Available													
Free Cyanide													
PCBs													
Total Metals by 6010B (Hg 7470A)	(mg/L)												
Arsenic		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]					
Cadmium		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]					
Chromium		0.02	ND [0.000]		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]					
Copper		0.02	ND [0.000]		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]					
Iron		11	3.5		1.5	1.4		0.68		1.2	0.15	0.36	0.30
Lead		0.035	ND [0.000]		ND [0.000]	0.012		ND [0.000]					
Mercury		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]					
Selenium		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]					
Silver		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]					
Zinc		ND [0.000]	ND [0.000]		ND [0.000]	ND [0.000]		ND [0.000]					
Antimony													
Nickel													

Analytical Parameter/Method	Units	ET-301	ET-301	ET-301	ET-301	ET-301	ET-301	ET-301	ET-302
Sample Date (all grabs)		9/28/2001	12/20/2001	3/19/2002	6/19/2002	9/17/2002	12/12/2002	3/26/2003	31-May-01
Total VOCs by GC/MS 624	(ug/l)								
VOCS (all)									
GC Petroleum Scan by 8100	(mg/L)								
Total Petroleum Hydrocarbons									330
Misc Parameters									
Chromium, Hexavalent			ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	
Cyanide, Physiologically Available		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	
Free Cyanide		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	
PCBs		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	
Total Metals by 6010B (Hg 7470A)	(mg/L)								
Arsenic									
Cadmium									
Chromium									
Copper									
Iron									
Lead									
Mercury									
Selenium									
Silver									
Zinc									
Antimony		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	
Nickel		ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	ND [0.000]	

4

AGENCY CORRESPONDENCE

Pamela F. Faggert
Vice President and Chief Environmental Officer
5000 Dominion Boulevard, Glen Allen, VA 23060
Phone: 804-273-3467

Dominion℠

December 12, 2006

Massachusetts Historical Commission
The Massachusetts Archives Bldg.
220 Morrissey Boulevard
Boston, Massachusetts 02125

Re: Dominion Energy Salem Harbor LLC, Salem, Massachusetts
NOI for Coverage under the Remediation General Permit (RPG) for Massachusetts – National Historic Preservation Eligibility

Dear Sir or Madam,

Dominion Energy Salem Harbor, LLC (Dominion) is preparing to submit a Notice of Intent (NOI) for groundwater discharges associated with remediation activity under EPA's Remediation General Permit under the National Pollutant Discharge Elimination System (NPDES). Discharges associated with this General Permit will continue for approximately 6 to 12 months. The facility is located in Salem, Massachusetts as shown on Figure 1.

In November 1999, Salem Harbor submitted a request to the Massachusetts Historical Commission (MHC) to review the site for the presence of listed or eligible historic properties and to identify any that would be affected by stormwater discharges. In a response dated November 15, 1999, the MHC determined that this project was unlikely to affect significant historic or archeological resources. Copies of these correspondences are attached.

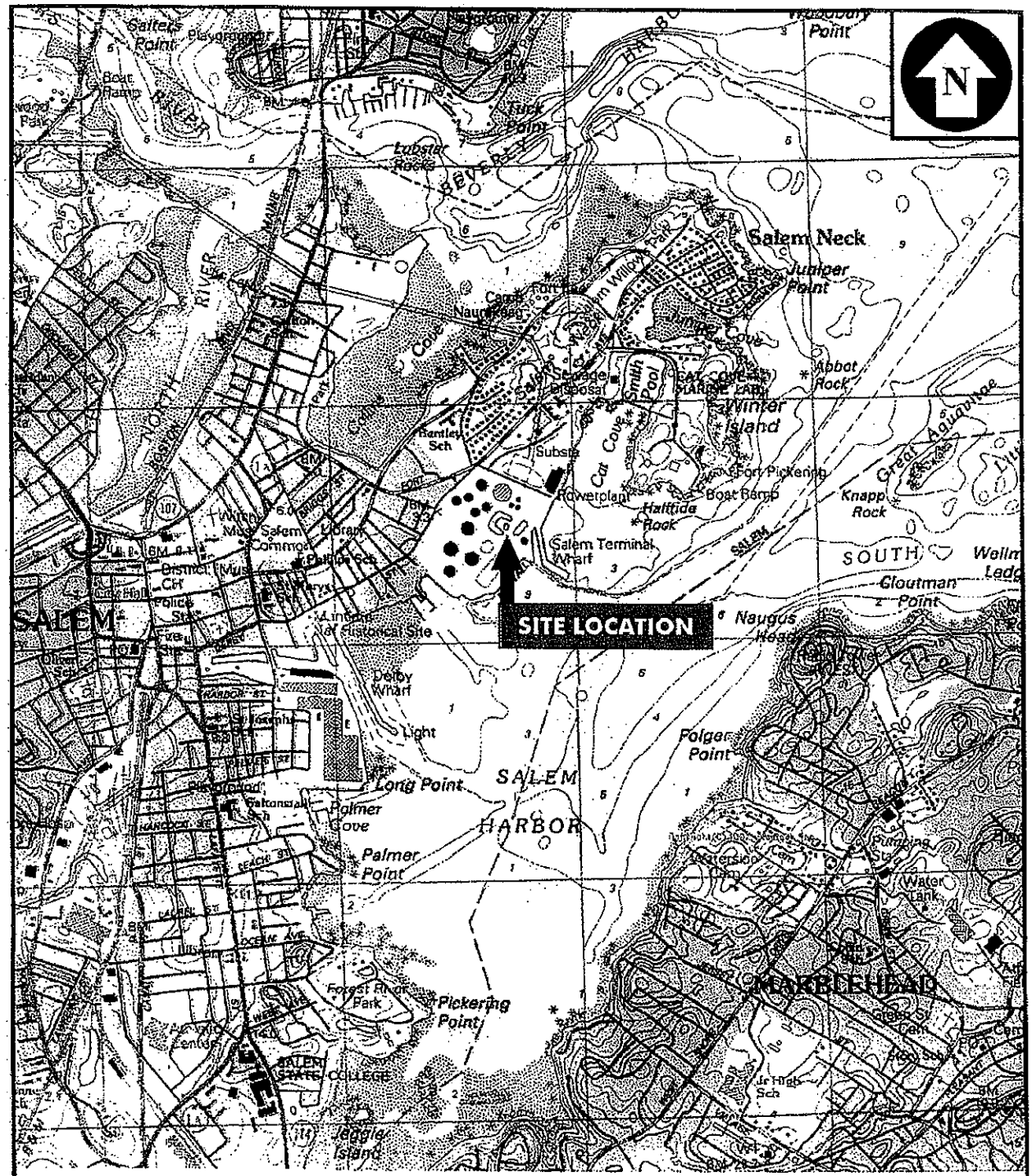
Dominion requests that the MHC confirm there are no changes to your prior determination that would be affected by this discharge of treated groundwater.

If you have any questions or would like additional information please call Meredith M. Simas at telephone number (508) 646-5338.

Sincerely,

Pamela F. Faggert

Pamela F. Faggert



BASE MAP IS A PORTION OF THE FOLLOWING 7.5' X 15' USGS TOPOGRAPHIC QUADRANGLES: SALEM, MA, 1985

TRC
Boott Mills South
Foot of John Street
Lowell, MA 01852
978-970-5600

LOCUS PLAN
SWPPP FOR FILLING OF WASTEWATER TREATMENT BASINS
SALEM HARBOR STATION
USGenNE
SALEM, MASSACHUSETTS

FIGURE 1	PROJ. NO. 29881

29881/SWPPP/SALEM TOPO

196 Baker Avenue, Concord, Massachusetts 01742

(K) 13778
1017 = PNF

RECEIVED
NOV 12 1999
MASS. HIST. COMM

November 9, 1999

Mr. Garry Hammer
Massachusetts Historical Commission
Massachusetts Archive Building
200 Morrissey Boulevard
Boston, MA 02124

Subject: Request for Review
NPDES Multi-Sector General Permit for Storm Water Discharges
National Historic Preservation Act Eligibility Certification

Dear Mr. Hammer:

Telephone
978.371.4000
Facsimile
978.371.2468

PG&E Generating's Salem Harbor power generation facility is preparing to submit a Notice of Intent (NOI) for Storm Water Discharges Associated with Industrial Activity under an EPA NPDES Multi-Sector General Permit. The facility, which combusts oil and coal to produce electricity, is located at 24 Fort Avenue in Salem, Massachusetts in an area that consists of a mixture of industrial, commercial, and residential units. A USGS site locus map indicating the location of the Salem Harbor site is attached.

Prior to submitting the NOI, Salem Harbor must determine whether or not any storm water discharges or storm water control measures at the facility have an effect on properties listed or eligible for listing on the National Register of Historic Places under the National Historic Preservation Act.

As a result, Earth Tech is requesting that the Massachusetts Historic Commission review the Salem Harbor site for the presence of listed or eligible historic properties, and to identify any that would be affected by the discharge of storm water associated with industrial activity. A project notification form is attached.

Thank you for your assistance with regard to this matter. If you have any questions or concerns, please call me 978-371-4236.

Yours Truly,
Earth Tech, Inc. by:

Peter E. Gluckler, Jr.
Project Environmental Engineer

attachments

cc: Robert DeHart

After review of MHC files and the materials you submitted, it has been determined that this project is unlikely to affect significant historic or archaeological resources.

MHC#RC.13778 15 November 1999
Edward L. Bell Date
Senior Archaeologist
Massachusetts Historical Commission
xc: Jeannie Brochi EPA Region #1
Salem Historical Commission

APPENDIX A

MASSACHUSETTS HISTORICAL COMMISSION
220 MORRISSEY BOULEVARD
BOSTON, MA 02125

PROJECT NOTIFICATION FORM

Project Name Salem Harbor Station - PG&E Generating Company

Location/Address 24 Fort Avenue

City/Town Salem, Massachusetts 01970

Project Proponent

Name Salem Harbor Station - PG&E Generating Company

Address 24 Fort Avenue

City/Town/Zip/Telephone Salem, Massachusetts 01970, 978-740-8402 (Robert DeHart)

Agency license or funding for the project (list all licenses, permits, approvals, grants or other entitlements being sought from state and federal agencies).

Agency Name	Type of License or Funding (specify)
DEP/EPA	Multi-Sector General permit to discharge storm water associated with industrial activity

Project Description (narrative)

PG&E Generating intends to seek coverage under the NPDES Multi-Sector General Permit for the discharge of storm water associated with industrial activity at its Salem Harbor power generation facility in Salem, Massachusetts. The facility has operated at this site for a number of years. The permit will cover most of the facility's existing point source storm water discharges. No existing storm water discharges will be modified and no new storm water discharges will be added as a result of this permit application.

Does the project include demolition? If so, specify nature of demolition and describe the building(s) which are proposed for demolition.

None planned.

Does the project include rehabilitation of any existing buildings? If so, specify nature of rehabilitation and describe the building(s) which are proposed for rehabilitation.

None planned.

Does the project include new construction? If so, describe (attach plans and elevations if necessary).

None planned.

APPENDIX A (continued)

To the best of your knowledge, are any historic or archaeological properties known to exist within the project's area of potential impact? If so, specify.

None have been identified.

What is the total acreage of the project area? 65 acres

Woodland	_____ acres	Productive Resources:	
Wetland	_____ acres	Agriculture	_____ acres
Floodplain	_____ acres	Forestry	_____ acres
Open space	_____ acres	Mining/Extraction	_____ acres
Developed	65 acres	Total Project Acreage	_____ acres

What is the acreage of the proposed new construction? N/A acres

What is the present land use of the project area?

The developed area is occupied by facilities and equipment necessary for the generation of electric power.

Please attach a copy of the section of the USGS quadrangle map which clearly marks the project location.

See attached.

This Project Notification Form has been submitted to the MHC in compliance with 950 CMR 71.00.

Peter E Gluckler Jr — 11/9/99

Signature of Person submitting this form — Date

Name Peter E. Gluckler, Jr.

Address Earth Tech, Inc.

300 Baker Avenue

City/Town/Zip Concord, MA 01742

Telephone 978-371-4236

REGULATORY AUTHORITY

950 CMR 71.00: M.G.L. c. 9, §§ 26-27C as amended by St. 1988, c. 254.

Commonwealth of Massachusetts

Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

29 November 1999

Peter E. Glucker
Earth Tech
196 Baker Ave.
Concord, MA 01742

Re: PG&E Generating's Power Facility
Salem, MA
NHESP File: 99-6086

Dear Mr. Glucker,

Thank you for contacting the Natural Heritage and Endangered Species Program for information regarding state-protected rare species in the vicinity of the site identified above.

At this time we are not aware of any rare plants or animals or exemplary natural communities in the area of this site.

This review concerns only rare species of plants and animals and ecologically significant natural communities for which the Program maintains site-specific records. This review does not rule out the possibility that more common wildlife or vegetation might be adversely affected if this site is developed, especially if it will modify currently undeveloped areas. Should site plans change, or new rare species information become available, this evaluation may be reconsidered.

Please call me at (508) 792-7270 x154 if you have any questions.

Sincerely,

Cindy L. Campbell
Environmental Review Assistant

Natural Heritage & Endangered Species Program
Route 135, Westborough, MA 01581 Tel: (508) 792-7270 x 200 Fax: (508) 792-7275
An Agency of the Department of Fisheries, Wildlife & Environmental Law Enforcement

196 Baker Avenue, Concord, Massachusetts 01742

Telephone
978.371.4000

Facsimile
978.371.2468

November 9, 1999

Ms. Andrea Arnold
Natural Heritage & Endangered Species Program
Route 135
Westborough, MA 01851

Subject: Request for Review

Dear Ms. Arnold:

Earth Tech is requesting a review for the presence of rare or endangered species at the site of PG&E Generating's Salem Harbor power generation facility at 24 Fort Avenue in Salem, Massachusetts. The site is identified in the accompanying USGS map. This request for review is being made as a part of the Eligibility Certification Requirements of the EPA's NPDES Multi-Sector General Permit (MSGP) for the discharge of storm water associated with industrial activity. Salem Harbor intends to seek coverage under the MSGP for storm water discharges from the site. Salem Harbor must therefore determine whether or not any endangered species are found in proximity to any of the site's storm water outfalls.

Thank you for your assistance with regard to this matter. If you have any questions or concerns, please call me 978-371-4236.

Yours Truly,
Earth Tech, Inc. by:

Peter E. Gluckler, Jr.
Project Environmental Engineer

attachment

cc: Robert DeHart – Salem Harbor