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Public Service of New Hampshire

September 30, 1992

COPY AS NOTED.

Ms. Shelley Puleo
Environmental Protection Specialist
NPDES Program Operations Section
Compliance Section
U.S. Environmental Protection Agency (WCP)
John F. Kennedy Building
Boston, MA 02203

RE: INDIVIDUAL STORMWATER APPLICATION FOR SCHILLER STATION
NPDES PERMIT NO. NH0001473

Dear Ms. Puleo:

Enclosed are completed Forms 1 and 2F of EPA's Consolidated Permits Program for an individual stormwater discharge permit for our Schiller Station, NPDES Permit No. NH0001473, located in Portsmouth, N.H. This application is submitted in compliance with the requirements set forth in Title 40, Part 122 of the Code of Federal Regulations. Effluent samples were collected and preserved as specified by the Form 2F instructions and by EPA's SW-846 Manual, and analyses were conducted in accordance with 40 CFR Part 136. Attachments #1 and #2 provide a narrative description of significant materials stored at the facility and the management practices that prevent contact with stormwater runoff. Site Plan R-6521-27 indicates the drainage areas and important structures and buildings on-site.

Please contact me at (603) 634-2439 should you need additional information.

Sincerely,

Allan G. Palmer
Senior Engineer

agp\10392.1tr

cc: J. G. Andrews - NHDES
D. R. Brown
M. R. Latour
J. B. Lander

FORM 1	EPA	U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting.)</i>	I. EPA I.D. NUMBER F N H D 0 0 0 8 4 2 6 6 6
LABEL ITEMS II. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION		PLEASE PLACE LABEL IN THIS SPACE	

GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		X		F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1	SKIP	SCHILLER STATION
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IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)		B. PHONE (area code & no.)	
2	PALMER, ALLAN, SENIOR ENGINEER	603	634 2439

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX			
3	1000 ELM STREET, P.O. BOX 330		
B. CITY OR TOWN		C. STATE	D. ZIP CODE
4	MANCHESTER	NH	03105

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5	GOSLING ROAD				
B. COUNTY NAME			C. CITY OR TOWN		
ROCKINGHAM			PORTSMOUTH		
D. STATE		E. ZIP CODE		F. COUNTY CODE (if known)	
NH		03801			

VIII. OPERATOR INFORMATION

X. EXISTING ENVIRONMENTAL PERMITS

XI. MAP

XII. NATURE OF BUSINESS (provide a brief description)

XIII. CERTIFICATION (see instructions)

COMMENTS FOR OFFICIAL USE ONLY

EPA Form 3510-1 (Rev. 10-80) Reverse

Application for Permit To Discharge Stormwater Discharges Associated with Industrial Activity

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., SW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions. No

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34); each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

IV. Narrative Description of Pollutant Sources

- A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)
A	59,168 sq. ft.	53,250 sq. ft.	C	35,110 sq. ft.	31,600 sq. ft.
B	16,335 sq. ft.	14,700 sq. ft.	D	29,000 sq. ft.	4,640 sq. ft.

- B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water; method of treatment, storage, or disposal; past and present materials management practices employed, in the last three years, to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

SEE ATTACHMENT #1

- C. For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
	SEE ATTACHMENT #2	...

V. Nonstormwater Discharges

- A. I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of nonstormwater discharges, and that all nonstormwater discharges from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name and Official Title (type or print)	Signature	Date Signed
Dennis R. Brown Director of Production Division		9/30/92

- B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

The roof drains for station buildings were dye checked for discharge locations. A study of the stations schematics and visual observations indicate that the drainage points chosen in this application seem to contain non-storm water run off only. All roof drains were found to discharge into currently permitted outfalls.

VI. Significant Leaks or Spills

- Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

There has been one occurrence of an oil spill at Schiller Station in the last three years. On June 15, 1990 the Station overflowed their #6 F.O. storage tank resulting in the release of approximately 3000 gallons of fuel oil, 200 to 300 gallons entered the Piscataqua River. Effective containment of the spill limited the amount of uncontrolled oil released to under 20 gallons.

VII. Discharge Information

A, B, C, & D: See instructions before proceeding. Complete one set of tables for each outfall. Annotate the outfall number in the space provided.

Tables VII-A, VII-B, and VII-C are included on separate sheets numbered VII-1 and VII-2.

E: Potential discharges not covered by analysis - Is any pollutant listed in Table 2F-2 a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☒ Yes (list all such pollutants below)☐ No (go to Section IX)Magnesium
Molybdenum
Surfactants

These materials are stored in such a manner that contact with storm water run off is improbable.

VIII. Biological Toxicity Testing Data

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ Yes (list all such pollutants below)☒ No (go to Section IX)**IX. Contract Analysis Information**

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☒ Yes (list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below)☐ No (go to Section X)

A. Name	B. Address	C. Area Code & Phone No.	D. Pollutants Analyzed
Pace Incorporated	One Lafayette Rd. P.O. Box 2130 Hampton, NH 03842	(603) 926-7777	BOD, COD, TSS TKN, NO ₂ , NO ₃ Total Phosphorus Oil & Grease Cu, Fe & Pb

X. 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, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

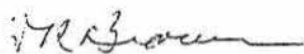
A. Name & Official Title (type or print)

Dennis R. Brown/Director of Production Division

B. Area Code and Phone No.

(603) 634-2851

C. Signature



D. Date Signed

7/30/92

[Illegible text block]

[Illegible text block]

[Illegible text block]

[Illegible text block]

Part C - List each pollutant shown in Tables 2F-2, 2F-3, and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

[illegible]

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm (in minutes)	3. Total rainfall during storm event (in inches)	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)	7. Season sample was taken	8. Form of Precipitation (rainfall, snowmelt)
9-3-92	360	0.18	124 HR 15 MIN	29.9 GPM	±366,421 Gal	SUMMER	RAINFALL

9. Provide a description of the method of flow measurement or estimate.

Flow measurements were taken immediately prior to the collection of each aliquot, using the "STOPWATCH AND BUCKET" method. These in field observations were then converted into a liter per minute (LPM) flow rate for each composite time. These rates were then converted to gallons per minute (GPM) for the purposes of this report.

VII. Discharge Information (Continued from page 3 of Form 2F)

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	OUTFALL 'B' Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil and Grease	BDL	N/A			1	NONE
Biological Oxygen Demand (BOD5)	34 mg/l	BDL			1	NONE
Chemical Oxygen Demand (COD)	180 mg/l	130 mg/l			1	NONE
Total Suspended Solids (TSS)	63 mg/l	20 mg/l			1	NONE
Total Kjeldahl Nitrogen	2.7 mg/l	1.6 mg/l			1	NONE
Nitrate plus Nitrite Nitrogen	4.4 mg/l	5.0 mg/l			1	NONE
Total Phosphorus	0.11 mg/l	0.31 mg/l			1	NONE

pH (17.9°C) Minimum 6.94 Maximum 6.94 Minimum 6.94 Maximum 6.94

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

[illegible]

1. Date of Storm Event	2. Duration of Storm (in minutes)	3. Total rainfall during storm event (in inches)	4. Number of hours between beginning of storm meas- ured and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)	7. Season sample was taken	8. Form of Precipitation (rainfall, snowmelt)
9-3-92	360	0.18	124 HR 15 MIN	0.06 GPM	± 960 GAL	SUMMER	RAINFALL

Flow measurements were taken immediately prior to the collection of each aliquot, using the "STOPWATCH AND BUCKET" method. These in field observations were then converted into a liter per minute (LPM) flow rate for each composite time. These rates were then converted to gallons per minute (GPM) for the purposes of this report.

VII. Discharge Information (Continued from page 3 of Form 2F)

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	OUTFALL 'C' Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil and Grease	BDL	N/A			1	NONE
Biological Oxygen Demand (BOD5)	18 mg/l	14 mg/l			1	NONE
Chemical Oxygen Demand (COD)	810 mg/l	690 mg/l			1	UNKNOWN
Total Suspended Solids (TSS)	3700 mg/l	1000 mg/l			1	UNKNOWN
Total Kjeldahl Nitrogen	5.9 mg/l	2.4 mg/l			1	NONE
Nitrate plus Nitrite Nitrogen	0.22 mg/l	1.3 mg/l			1	NONE
Total Phosphorus	4.8 mg/l	2.5 mg/l			1	NONE

pH (17.8°C) Minimum 4.53 Maximum 4.53 Minimum 4.53 Maximum 4.53

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

[illegible]

1. Date of Storm Event	2. Duration of Storm (in minutes)	3. Total rainfall during storm event (in inches)	4. Number of hours between beginning of storm meas- ured and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)	7. Season sample was taken	8. Form of Precipitation (rainfall, snowmelt)
9-3-92	360	0.18	124 HR 15 MIN	4.0 GPM	± 39,113 GAL	SUMMER	RAINFALL

Flow measurements were taken immediately prior to the collection of each aliquot, using the "STOPWATCH AND BUCKET" method. These in field observations were then converted into a liter per minute (LPM) flow rate for each composite time. These rates were then converted to gallons per minute (GPM) for the purposes of this report.

VII. Discharge Information (Continued from page 3 of Form 2F)

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	OUTFALL 'D' Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil and Grease	BDL	N/A			1	NONE
Biological Oxygen Demand (BOD5)	200 mg/l	BDL			1	NONE
Chemical Oxygen Demand (COD)	31 mg/l	65 mg/l			1	NONE
Total Suspended Solids (TSS)	BDL	BDL			1	NONE
Total Kjeldahl Nitrogen	0.5 mg/l	0.3 mg/l			1	NONE
Nitrate plus Nitrite Nitrogen	BDL	0.20 mg/l			1	NONE
Total Phosphorus	0.09 mg/l	BDL			1	NONE

pH (16.3°C) Minimum 6.94 Maximum 6.94 Minimum 6.94 Maximum 6.94

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

[illegible]

1. Date of Storm Event	2. Duration of Storm (in minutes)	3. Total rainfall during storm event (in inches)	4. Number of hours between beginning of storm meas- ured and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)	7. Season sample was taken	8. Form of Precipitation (rainfall, snowmelt)
9-3-92	360	0.18	124 HR 15 MIN	.82 GPM	±11,328 GAL	SUMMER	RAINFALL

Page VII-2

ATTACHMENT #1

In the past three years there have been no significant materials treated, stored or disposed of at this site in such a manner that would expose them to storm water run off.

For the purposes of this narration significant materials has been broken down to fuels, solvents/hazardous wastes, pesticides/soil conditioners, and ashes/sludges. Each of these categories is addressed separately to keep the issues clear.

Fuels present at the site include #6 fuel oil, Bituminous coal, #1 fuel oil (i.e. jet fuel), natural gas and compressed gas cylinders.

All of the fuel oils are stored on the site in enclosed tanks that isolate them from storm water runoff. The #6 fuel oil day tank is a two section concrete tank located underground adjacent to the west side of the plant. There are two #1 fuel oil storage tanks (with a capacity of 20,000 gal each) located in a dike area outside the plant, on the north end of the parking area.

The bituminous coal is stored in two areas. One pile, the reserve coal pile, is located up on the hill within a bermed area. This area drains through a manually operated valve to the second pile, the active coal storage pile. This pile is then pumped to the waste water treatment facility. Personnel are trained in procedures to prevent any avoidable release of contaminated storm water runoff. These coal storage areas are west of the main site facility and are not located on the included site plan. Their runoff is already discharged through approved and permitted point (#016).

The Newington station tank farm contains two sealed bulk oil storage tanks within a bermed area. The capacity of each of these tanks is approximately 12.1 million gallons. The bermed area, designed hold approximately 13.3 million gallons, is drained through an oil separator to the waste water treatment facility. The Newington tank farm is located not located on the included site plan. It is currently a permitted discharge (discharge point #018).

The Schiller station tank farm, located south of the main building, contains three bulk oil storage tanks (see inset on site plan). Tanks #2 and #3 are located together within a bermed area designed to contain approximately 6 million gallons of oil. The capacity of tank #2 is 3.4 million gallons and Tank #3 is 5.25 million gallons. The bermed area for these tanks drains through permitted discharge points #011a, b, and c. The combined effluent of these sources form a culverted outfall under current permit.

Tank #1 is in a separate bermed location. The tanks capacity is 1.3 million gallons. The berm is capable of holding approximately 1.4 million gallons. Storm water from the bermed area drains off via storm water outfall "D" in this permit application request. There is no threat of contamination to storm water runoff from this tank

since it is not being used for storage. The valve controlling the release of storm water runoff from this area is accessed from the railroad tracks. Unfortunately these tracks have not been maintained in a safe condition, making this access dangerous for station personnel. Due to these safety considerations and the fact that no threat of contamination exist, this valve is maintained in the opened position.

There is no storage facility for natural gas on sight. Instead it is supplied to the station's jet "on demand" from the gas company.

The compressed bottled gases, stored on the south side of the building are contained in a roofed area effectively isolating them from storm water runoff.

There is a 275 gallon waste oil tank located inside the plant building used to reclaim waste oils. These oils are eventually mixed with the #6 fuel oil and burned in the boiler, minimizing the disposal of unnecessary amounts of waste. A floor drain is located nearby to route spills of waste oil through an oil separator into the waste water treatment facility.

All chemical reagents, biocides, and other solvents are stored inside the station and warehouse, well removed from storm water runoff. The area is checked visually each day for leaks.

There is a sodium hypochlorite storage tank in a roofed containment building located along the river on the east side of the main building. The capacity of the tank is 2750 gallons. The containment area is designed to hold 3750 gallons in case of a tank failure. It is very improbable that storm water contamination could occur from this tank since it is completely isolated from runoff.

Lube oils are stored in drums in the old silo building (see site plan) that keeps the drums out of the weather. A containment wall exists that would keep a leak contained within the silo.

Hazardous wastes are stored in locked, fireproof cabinets inside warehouse #1 located at the northeast corner of the building along the river. All wastes stored in this area are held for a maximum of 90 days. There is no possibility of storm water contamination from these wastes since the cabinets are well isolated within the warehouse.

Flyash generated at the facility is removed on a continuous basis. To minimize the amount of dust released into the air the flyash is mixed with water before being loading into the trucks. Any flyash that spills is hosed into a nearby catch basin that empties into the waste water treatment plant. The trucks are lined and covered with tarps to prevent spillage during shipping. Solids produced by the waste water treatment facility are collected routinely and stored in a lined dumpster inside the plant. When the dumpster is full the vendor is called in to remove it.

As a matter of safety, all materials loading areas and access areas are kept clear of materials (significant or otherwise). There is no contact with storm water runoff at these locations.

Defoliants are used by PSNH for safety purposes to control the growth of vegetation in the dike containment areas of its fuel oil storage tanks. This precaution is exercised to minimize the risks of a major fire in these susceptible areas. Usage of these defoliants is kept to a minimum at each application. The frequency of application is also kept to a minimum, usually once per year. No other pesticides, herbicides, soil conditioners or fertilizers are used.

ATTACHMENT #2

IV. C. Outfall location and description of control measures

The first outfall covered by this application includes the employee parking area on the north side the station designated outfall "A" (see site map).

The second outfall includes the runoff area between the station and the Piscataqua river designated outfall "B" on the site map

The third area, designated area "C" on the map is the largest area. This area includes five points that serve to discharge runoff from behind the building (see site plan). PSNH considers the effluent of these points to be identical and plans to eliminate four of them so that all the runoff will be channelled into a single discharge outfall.

The three areas mentioned above are all paved runoff areas. Areas "A" and "B" receive no specific treatment. Area "C" has a catch basin to collect and distribute any runoff from the ash silo area to the waste water treatment area.

The final area addressed in this application is the containment area around fuel oil storage tank #1 in the Schiller tank farm (see inset on the site plan). This area is drained through a manually operated valve that is currently kept open due to safety issues concerning accessibility to the valve and the fact that there is no threat of contamination since the tank is no longer used.

General station policy is to reduce the amount of significant materials that are stored on site. When such materials must be on site, every effort is made to store these materials out of the weather to protect runoff from contamination.

A spill prevention program has been in place since 1974. This plan spells out procedures to be taken in the event of a spill so that clean up would proceed safely with minimum impact on the environment.

A preventative maintenance program is in place at the station that is designed to keep equipment in proper operating condition. Through this program potential failures to systems that interface with the environment can be identified and corrected before a problem arises.

A housekeeping policy is in place at Schiller station to improve the general appearance and safety of the station property. This plan calls for monthly inspections of the property. Any instances where either the environment or safety could be compromised are identified and quickly corrected before serious problems arise.



REV NO.	DESCRIPTION	DATE	DSN	DRN	CHKD	APPR
 PUBLIC SERVICE OF NEW HAMPSHIRE GENERAL ENGINEERING DIVISION						
SIGNATURES	DATE	NPDES STORM WATER SITE PLAN SCHILLER STATION PORTMOUTH, N.H.				
DSN:						
DRN: GBS	10/1/92					
CHKD:						
APPR:						
SCALE: 1" = 40'		DWG NO R-6521-27				

