

*TOWN OF NEWPORT/WWTF
PUTNAM ROAD
NEWPORT, NH 03773-1497
603-863-4338
August 29, 2017*

*USEPA -REGION 1
5 POST OFFICE SQUARE, SUITE 100
MAIL CODE OEP 06-4
BOSTON, MA 02109-3912
ATTN: SHELLY PULEO-REMEDICATION GENERAL PERMITS*

RE: Dorr WOOLEN RGP NHG910047 –Renewal of NOI for future discharges from the site

Dear Ms. Puleo,

Please find attached the necessary forms, maps and test data for filing a renewal for the RGP relative to the Dorr lagoon discharge. This request is for the industrial wastewater lagoons at the former Dorr Woolen mill site in Guild, NH and owned by the Town of Newport, NH.

Additional information relative to the permit application and the current status of the lagoons:

As I have noted in the past, most of the mill is gone and the site is reclaimed and grassed over. There are only 2 remaining structures, a metal warehouse and a small brick office. These two sites only discharge a sanitary flow that is directed to the Town's collection system located alongside Rte.11-103. So at this point it has now been over 13 years since any industrial discharges have gone into the lagoons. We are simply at the mercy of the weather. The more it rains the better chance we have of needing to discharge from them. We discharged in September 2008, again in May 2011 and did a quick trial in March 2012 to pull samples, but never ended up discharging at that point. So it has been over 6 years since we last discharged from them and at this point I do not feel it will be necessary to discharge from them this year either. I noted in the application that discharge would be intermittent and only as needed so I have no definite dates when anything would be done.

I have included the map of the original layout of the lagoons, but noted the line from the mill to the lagoons is gone and the location of the line to discharge to the river.

Should you need any further information or have any questions please feel free to give me a call here at the plant, at 603-863-4338, Mon-Thurs. Thank you.

Sincerely:

Arnold L. Greenleaf/Plant Supt.

Cc: Larry Wiggins, DPW, Cover letter only
Jeff Andrews, NHDES Compliance
FILE, Dorr USEPA permits

II. Suggested Format for the Remediation General Permit Notice of Intent (NOI)

A. General site information:

<p>1. Name of site: Dorr Woolen Industrial lagoons</p>	<p>Site address: Street: Rte. 11-103 City: Newport State: NH Zip: 03773</p>
<p>2. Site owner Town of Newport NH 15 Sunapee St. Newport, NH 03773</p> <p>Owner is (check one): <input type="checkbox"/> Federal <input type="checkbox"/> State/Tribal <input type="checkbox"/> Private <input checked="" type="checkbox"/> Other; if so, specify: Municipal Gov.</p>	<p>Contact Person: Arnold L Greenleaf Telephone: 603-863-4338 Email: trainsrfun2run@hotmail.com Mailing address: 20 Putnam Road City: Newport State: NH Zip: 03773</p>
<p>3. Site operator, if different than owner SAME</p>	<p>Contact Person: Telephone: Mailing address: Street: City: State: Zip:</p>
<p>4. NPDES permit number assigned by EPA: NPDES permit is (check all that apply): <input checked="" type="checkbox"/> RGP <input type="checkbox"/> DGP <input type="checkbox"/> CGP <input type="checkbox"/> MSGP <input type="checkbox"/> Individual NPDES permit <input type="checkbox"/> Other; if so, specify: NHG910047</p>	<p>5. Other regulatory program(s) that apply to the site (check all that apply): <input type="checkbox"/> MA Chapter 21e; list RTN(s): <input type="checkbox"/> CERCLA <input type="checkbox"/> UIC Program <input type="checkbox"/> NH Groundwater Management Permit or Groundwater Release Detection Permit: <input type="checkbox"/> POTW Pretreatment <input type="checkbox"/> CWA Section 404</p>

B. Receiving water information:

1. Name of receiving water(s): Sugar River	Waterbody identification of receiving water(s): NHRIV801060405	Classification of receiving water(s): B
Receiving water is (check any that apply): <input type="checkbox"/> Outstanding Resource Water <input type="checkbox"/> Ocean Sanctuary <input type="checkbox"/> territorial sea <input type="checkbox"/> Wild and Scenic River		
2. Has the operator attached a location map in accordance with the instructions in B, above? (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Are sensitive receptors present near the site? (check one): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, specify:		
3. Indicate if the receiving water(s) is listed in the State's Integrated List of Waters (i.e., CWA Section 303(d)). Include which designated uses are impaired, and any pollutants indicated. Also, indicate if a final TMDL is available for any of the indicated pollutants. For more information, contact the appropriate State as noted in Part 4.6 of the RGP. A lower Sugar River DO TMDL was completed in 2000.		
4. Indicate the seven day-ten-year low flow (7Q10) of the receiving water determined in accordance with the instructions in Appendix V for sites located in Massachusetts and Appendix VI for sites located in New Hampshire.		7.93 cfs (5.12 mgd)
5. Indicate the requested dilution factor for the calculation of water quality-based effluent limitations (WQBELs) determined in accordance with the instructions in Appendix V for sites in Massachusetts and Appendix VI for sites in New Hampshire.		
6. Has the operator received confirmation from the appropriate State for the 7Q10 and dilution factor indicated? (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate date confirmation received: in an email on 8/3/2017		
7. Has the operator attached a summary of receiving water sampling results as required in Part 4.2 of the RGP in accordance with the instruction in Appendix VIII? (check one): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

C. Source water information:

1. Source water(s) is (check any that apply):		
<input type="checkbox"/> Contaminated groundwater Has the operator attached a summary of influent sampling results as required in Part 4.2 of the RGP in accordance with the instruction in Appendix VIII? (check one): <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Contaminated surface water Has the operator attached a summary of influent sampling results as required in Part 4.2 of the RGP in accordance with the instruction in Appendix VIII? (check one): <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> The receiving water <input type="checkbox"/> A surface water other than the receiving water; if so, indicate waterbody: <input type="checkbox"/> Potable water; if so, indicate municipality or origin: <input checked="" type="checkbox"/> Other; if so, specify: Rainfall / Runoff

2. Source water contaminants: only rainwater and runoff, from the same, is currently entering the lagoons.

a. For source waters that are contaminated groundwater or contaminated surface water, indicate any contaminants present that are not included in the RGP? (check one): Yes No If yes, indicate the contaminant(s) and the maximum concentration present in accordance with the instructions in Appendix VIII.

b. For a source water that is a surface water other than the receiving water, potable water or other, indicate any contaminants present at the maximum concentration in accordance with the instructions in Appendix VIII? (check one): Yes No

3. Has the source water been previously chlorinated or otherwise contains residual chlorine? (check one): Yes No

D. Discharge information

1. The discharge(s) is a(n) (check any that apply): Existing discharge New discharge New source

Outfall(s):
001

Outfall location(s): (Latitude, Longitude)
Lat: 43-22'-29"
Long: 72-08'-27"

Discharges enter the receiving water(s) via (check any that apply): Direct discharge to the receiving water Indirect discharge, if so, specify:

A private storm sewer system A municipal storm sewer system
If the discharge enters the receiving water via a private or municipal storm sewer system:
Has notification been provided to the owner of this system? (check one): Yes No
Has the operator received permission from the owner to use such system for discharges? (check one): Yes No, if so, explain, with an estimated timeframe for obtaining permission:
Has the operator attached a summary of any additional requirements the owner of this system has specified? (check one): Yes No

Provide the expected start and end dates of discharge(s) (month/year): **Unknown, the last time we had to discharge from the lagoons was 6 years ago.**

Indicate if the discharge is expected to occur over a duration of: less than 12 months 12 months or more is an emergency discharge

Has the operator attached a site plan in accordance with the instructions in D, above? (check one): Yes No

<p>2. Activity Category: (check all that apply)</p> <ul style="list-style-type: none"> <input type="checkbox"/> I – Petroleum-Related Site Remediation <input type="checkbox"/> II – Non-Petroleum-Related Site Remediation <input type="checkbox"/> III – Contaminated Site Dewatering <input type="checkbox"/> IV – Dewatering of Pipelines and Tanks <input type="checkbox"/> V – Aquifer Pump Testing <input type="checkbox"/> VI – Well Development/Rehabilitation <input checked="" type="checkbox"/> VII – Collection Structure Dewatering/Remediation <input type="checkbox"/> VIII – Dredge-Related Dewatering 	<p>3. Contamination Type Category: (check all that apply)</p> <p>a. If Activity Category I or II: (check all that apply)</p> <ul style="list-style-type: none"> <input type="checkbox"/> A. Inorganics <input type="checkbox"/> B. Non-Halogenated Volatile Organic Compounds <input type="checkbox"/> C. Halogenated Volatile Organic Compounds <input type="checkbox"/> D. Non-Halogenated Semi-Volatile Organic Compounds <input type="checkbox"/> E. Halogenated Semi-Volatile Organic Compounds <input type="checkbox"/> F. Fuels Parameters <p>b. If Activity Category III, IV, V, VI, VII or VIII: (check either G or H)</p> <table border="1" style="width: 100%;"> <tr> <td data-bbox="812 693 885 1113"> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> G. Sites with Known Contamination </td> <td data-bbox="812 142 885 693"> <ul style="list-style-type: none"> <input type="checkbox"/> H. Sites with Unknown Contamination </td> </tr> </table> <p>c. If Category III-G, IV-G, V-G, VI-G, VII-G or VIII-G: (check all that apply)</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> A. Inorganics <input type="checkbox"/> B. Non-Halogenated Volatile Organic Compounds <input type="checkbox"/> C. Halogenated Volatile Organic Compounds <input type="checkbox"/> D. Non-Halogenated Semi-Volatile Organic Compounds <input type="checkbox"/> E. Halogenated Semi-Volatile Organic Compounds <input type="checkbox"/> F. Fuels Parameters <p>d. If Category III-H, IV-H, V-H, VI-H, VII-H or VIII-H Contamination Type Categories A through F apply</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> G. Sites with Known Contamination 	<ul style="list-style-type: none"> <input type="checkbox"/> H. Sites with Unknown Contamination
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> G. Sites with Known Contamination 	<ul style="list-style-type: none"> <input type="checkbox"/> H. Sites with Unknown Contamination 		

4. Influent and Effluent Characteristics

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
A. Inorganics									
Ammonia	✓							Report mg/L	---
Chloride	✓							Report µg/l	---
Total Residual Chlorine	✓							0.2 mg/L	
Total Suspended Solids		✓	1	2540D	5.0 mg/l	<5.0 mg/l	☒	30 mg/L	---
Antimony		✓	5	200.8	0.001 mg/l	0.0034 mg/l		206 µg/L	
Arsenic	✓							104 µg/L	
Cadmium	✓							10.2 µg/L	
Chromium III	✓							323 µg/L	
Chromium VI	✓							323 µg/L	
Copper	✓							242 µg/L	
Iron		✓	5	200.8	0.1 mg/l	0.74 mg/l		5,000 µg/L	
Lead	✓							160 µg/L	
Mercury	✓							0.739 µg/L	
Nickel		✓	5	200.8	<0.001 mg/l	0.0072 mg/l	☒	1,450 µg/L	
Selenium	✓							235.8 µg/L	
Silver	✓							35.1 µg/L	
Zinc	✓							420 µg/L	
Cyanide	✓							178 mg/L	
B. Non-Halogenated VOCs									
Total BTEX	✓							100 µg/L	---
Benzene	✓							5.0 µg/L	---
1,4 Dioxane	✓							200 µg/L	---
Acetone	✓							7.97 mg/L	---
Phenol	✓							1,080 µg/L	

Parameter	Known or believed absent	Known or believed present	# of samples	Test method (#)	Detection limit (µg/l)	Influent		Effluent Limitations	
						Daily maximum (µg/l)	Daily average (µg/l)	TBEL	WQBEL
C. Halogenated VOCs									
Carbon Tetrachloride	✓							4.4 µg/L	---
1,2 Dichlorobenzene	✓							600 µg/L	---
1,3 Dichlorobenzene	✓							320 µg/L	---
1,4 Dichlorobenzene	✓							5.0 µg/L	---
Total dichlorobenzene	✓							763 µg/L in NH	---
1,1 Dichloroethane	✓							70 µg/L	---
1,2 Dichloroethane	✓							5.0 µg/L	---
1,1 Dichloroethylene	✓							3.2 µg/L	---
Ethylene Dibromide	✓							0.05 µg/L	---
Methylene Chloride	✓							4.6 µg/L	---
1,1,1 Trichloroethane	✓							200 µg/L	---
1,1,2 Trichloroethane	✓							5.0 µg/L	---
Trichloroethylene	✓							5.0 µg/L	---
Tetrachloroethylene	✓							5.0 µg/L	---
cis-1,2 Dichloroethylene	✓							70 µg/L	---
Vinyl Chloride	✓							2.0 µg/L	---
D. Non-Halogenated SVOCs									
Total Phthalates	✓							190 µg/L	
Diethylhexyl phthalate	✓							101 µg/L	
Total Group I PAHs	✓							1.0 µg/L	---
Benzo(a)anthracene	✓								
Benzo(a)pyrene	✓								
Benzo(b)fluoranthene	✓								
Benzo(k)fluoranthene	✓								
Chrysene	✓								
Dibenzo(a,h)anthracene	✓								
Indeno(1,2,3-cd)pyrene	✓								
								As Total PAHs	

E. Treatment system information

1. Indicate the type(s) of treatment that will be applied to effluent prior to discharge: (check all that apply)

Adsorption/Absorption Advanced Oxidation Processes Air Stripping Granulated Activated Carbon ("GAC")/Liquid Phase Carbon Adsorption
 Ion Exchange Precipitation/Coagulation/Flocculation Separation/Filtration Other; if so, specify:
 There is no longer an aeration system in the lagoons, so all that we have for treatment is time and natural movement of the water to provide for degradation of any contaminants.

2. Provide a written description of all treatment system(s) or processes that will be applied to the effluent prior to discharge.
 Nothing, see above answer for type of treatment.

Identify each major treatment component (check any that apply):

Fractionation tanks Equalization tank Oil/water separator Mechanical filter Media filter
 Chemical feed tank Air stripping unit Bag filter Other; if so, specify: Large lagoons.

Indicate if either of the following will occur (check any that apply):

Chlorination De-chlorination

3. Provide the **design flow capacity** in gallons per minute (gpm) of the most limiting component.
 Indicate the most limiting component: 8" flow control valve.
 Is use of a flow meter feasible? (check one): Yes No, if so, provide justification: no power available at the site and discharge point is in a pit.

Provide the proposed maximum effluent flow in gpm.

725 gpm

Provide the average effluent flow in gpm.

725 gpm

600-650 gpm

If Activity Category IV applies, indicate the estimated total volume of water that will be discharged:

4. Has the operator attached a schematic of flow in accordance with the instructions in E, above? (check one): Yes No

F. Chemical and additive information

1. Indicate the type(s) of chemical or additive that will be applied to effluent prior to discharge or that may otherwise be present in the discharge(s): (check all that apply)

Algaecides/biocides Antifoams Coagulants Corrosion/scale inhibitors Disinfectants Flocculants Neutralizing agents Oxidants Oxygen scavengers pH conditioners Bioremedial agents, including microbes Chlorine or chemicals containing chlorine Other; if so, specify:

NOTHING

2. Provide the following information for each chemical/additive, using attachments, if necessary:

Not applicable.

a. Product name, chemical formula, and manufacturer of the chemical/additive;

b. Purpose or use of the chemical/additive or remedial agent;

c. Material Safety Data Sheet (MSDS) and Chemical Abstracts Service (CAS) Registry number for each chemical/additive;

d. The frequency (hourly, daily, etc.), duration (hours, days), quantity (maximum and average), and method of application for the chemical/additive;

e. Any material compatibility risks for storage and/or use including the control measures used to minimize such risks; and

f. If available, the vendor's reported aquatic toxicity (NOAEL and/or LC50 in percent for aquatic organism(s)).

3. Has the operator attached an explanation which demonstrates that the addition of such chemicals/additives may be authorized under this general permit in accordance with the instructions in F, above? (check one): Yes No; if no, has the operator attached data that demonstrates each of the 126 priority pollutants in CWA Section 307(a) and 40 CFR Part 423.15(j)(1) are non-detect in discharges with the addition of the proposed chemical/additive? (check one): Yes No

G. Endangered Species Act eligibility determination

1. Indicate under which criterion the discharge(s) is eligible for coverage under this general permit:

FWS Criterion A: No endangered or threatened species or critical habitat are in proximity to the discharges or related activities or come in contact with the "action area".

FWS Criterion B: Formal or informal consultation with the FWS under section 7 of the ESA resulted in either a no jeopardy opinion (formal consultation) or a written concurrence by FWS on a finding that the discharges and related activities are "not likely to adversely affect" listed species or critical habitat (informal consultation). Has the operator completed consultation with FWS? (check one): Yes No; if no, is consultation underway? (check one): Yes No

FWS Criterion C: Using the best scientific and commercial data available, the effect of the discharges and related activities on listed species and critical habitat have been evaluated. Based on those evaluations, a determination is made by EPA, or by the operator and affirmed by EPA, that the discharges and related activities will have "no effect" on any federally threatened or endangered listed species or designated critical habitat under the jurisdiction of the FWS. This determination was made by: (check one) the operator EPA Other; if so, specify:

NMFS Criterion: A determination made by EPA is affirmed by the operator that the discharges and related activities will have “no effect” or are “not likely to adversely affect” any federally threatened or endangered listed species or critical habitat under the jurisdiction of NMFS and will not result in any take of listed species. Has the operator previously completed consultation with NMFS? (check one): Yes No

2. Has the operator attached supporting documentation of ESA eligibility in accordance with the instructions in Appendix I, and G, above? (check one): Yes No

Does the supporting documentation include any written concurrence or finding provided by the Services? (check one): Yes No; if yes, attach.

H. National Historic Preservation Act eligibility determination

1. Indicate under which criterion the discharge(s) is eligible for coverage under this general permit:

- Criterion A:** No historic properties are present. The discharges and discharge-related activities (e.g., BMPs) do not have the potential to cause effects on historic properties.
- Criterion B:** Historic properties are present. Discharges and discharge related activities do not have the potential to cause effects on historic properties.
- Criterion C:** Historic properties are present. The discharges and discharge-related activities have the potential to have an effect or will have an adverse effect on historic properties.

2. Has the operator attached supporting documentation of NHPA eligibility in accordance with the instructions in H, above? (check one): Yes No

Does the supporting documentation include any written agreement with the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO), or other tribal representative that outlines measures the operator will carry out to mitigate or prevent any adverse effects on historic properties? (check one): Yes No

I. Supplemental information

Describe any supplemental information being provided with the NOI. Include attachments if required or otherwise necessary.

Maps / Layouts of the site are attached along with earlier test results from prior discharge events.

No documentation is provided for Item G- Endangered species or H-National Historic preservation as this permit has been renewed previously with the exact same criteria checked and nothing has changed in the course of time relative to those 2 determinations.

Has the operator attached data, including any laboratory case narrative and chain of custody used to support the application? (check one): Yes No

Has the operator attached the certification requirement for the Best Management Practices Plan (BMPP)? (check one): Yes No

MAG910000
NHG910000

J. Certification requirement

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 gathered and evaluated 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 have no personal knowledge that the information submitted is other than 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 copy of the BMPP for the Dorr Lagoons is submitted w/ this NOI application.

BMPP certification statement:


Notification provided to the appropriate State, including a copy of this NOI, if required. Check one: Yes No

Notification provided to the municipality in which the discharge is located, including a copy of this NOI, if requested. Check one: Yes No

Notification provided to the owner of a private or municipal storm sewer system, if such system is used for site discharges, including a copy of this NOI, if requested. Check one: Yes No NA

Permission obtained from the owner of a private or municipal storm sewer system, if such system is used for site discharges. If yes, attach additional conditions. If no, attach explanation and timeframe for obtaining permission. Check one: Yes No NA

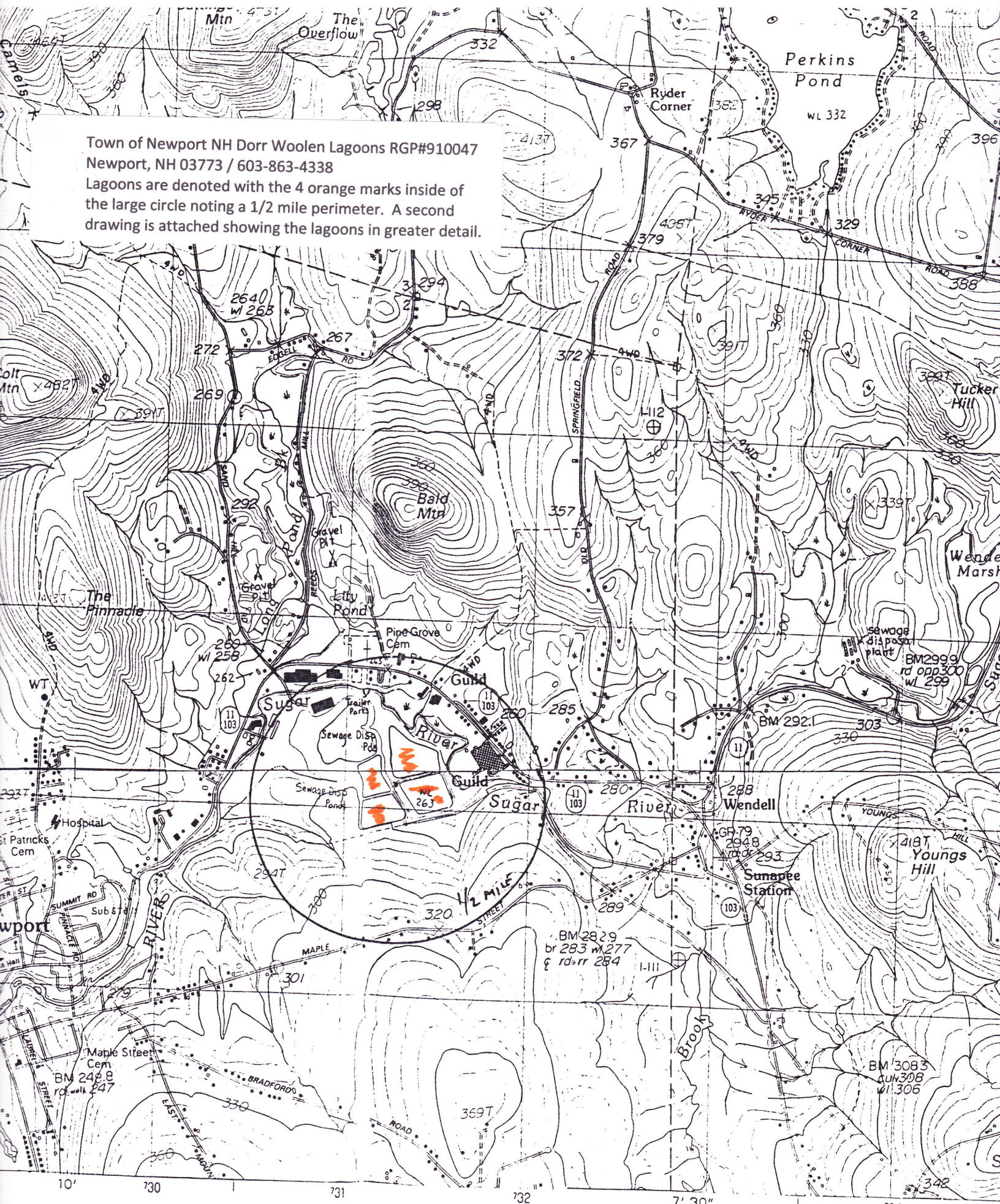
Notification provided to the owner/operator of the area associated with activities covered by an additional discharge permit(s). Additional discharge permit is (check one): RGP DGP CGP MSGP Individual NPDES permit Check one: Yes No NA
 Other; if so, specify:

Signature: 

Date: August 31, 2017

Print Name and Title: **Arnold L. Greenleaf / WWTF Plant Superintendent**

Town of Newport NH Dorr Woolen Lagoons RGP#910047
 Newport, NH 03773 / 603-863-4338
 Lagoons are denoted with the 4 orange marks inside of
 the large circle noting a 1/2 mile perimeter. A second
 drawing is attached showing the lagoons in greater detail.

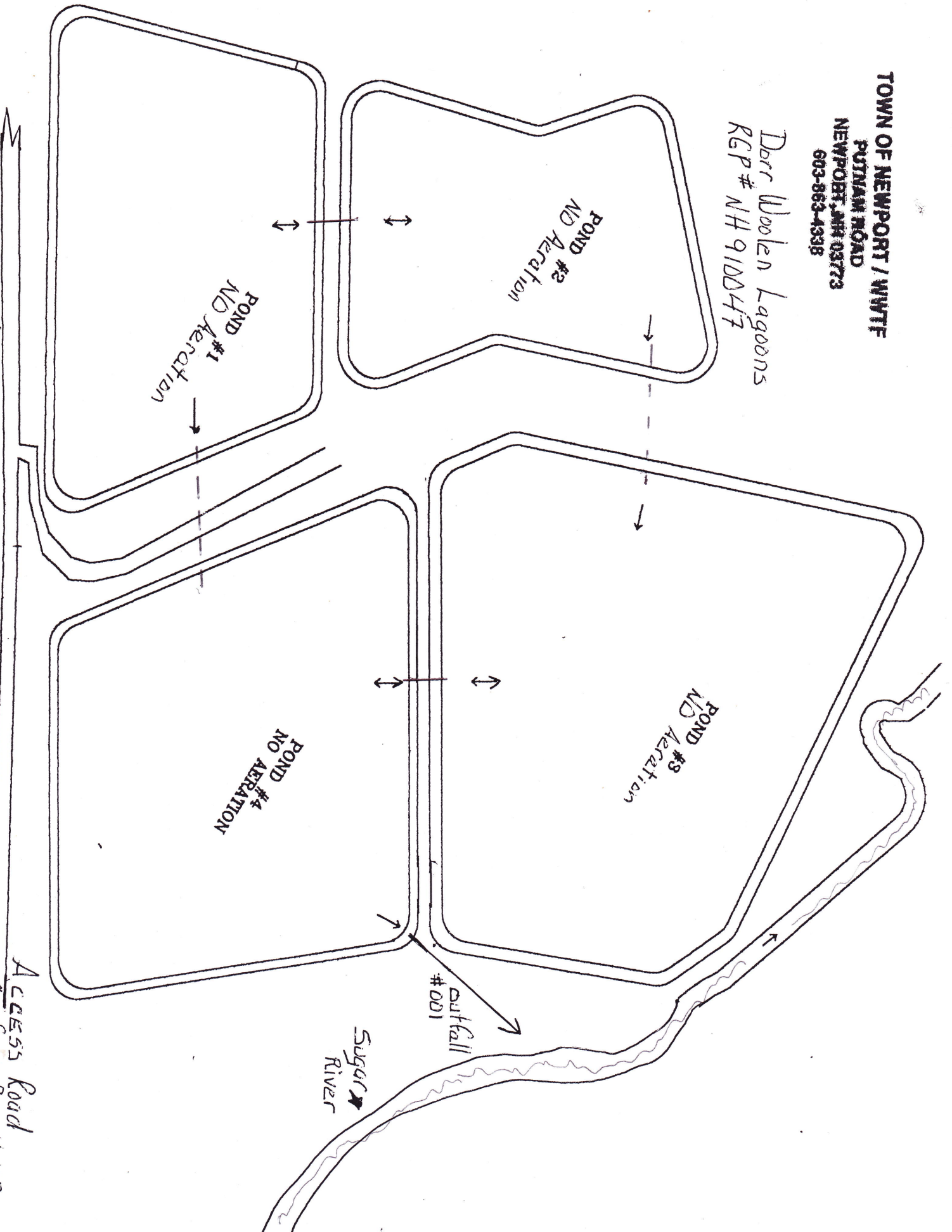


SCALE 1:25 000
 1 CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE GROUND
 CONTOUR INTERVAL 6 METERS



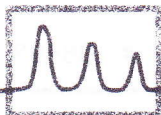
TOWN OF NEWPORT / WWT
PUTNAM ROAD
NEWPORT, NH 03773
603-863-4338

Dorr Wooklen Lagoons
RGP # NH 910047



Rev. 7/31/2017

Access Road
from Rte. 11-103



April Pre-disch test results

eastern analytical

professional laboratory services

Arnold L. Greenleaf
Newport WWTP
20 Putnam Road
Newport, NH 03773



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 98468
Client Identification: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011
Date Received: 4/15/2011

Dear Mr. Greenleaf:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

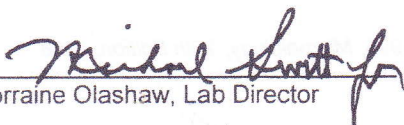
Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

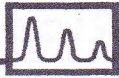
We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,


Lorraine Olashaw, Lab Director

4/29/11
Date

5
of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 98468

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Temperature upon receipt (°C): **2.8**

Received on ice or cold packs (Yes/No): **Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
98468.01	Effluent	4/15/11	4/14/11	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater : Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



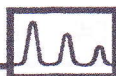
LABORATORY REPORT

EAI ID#: 98468

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID:	Effluent
Lab Sample ID:	98468.01
Matrix:	aqueous
Date Sampled:	4/14/11
Date Received:	4/15/11
Units:	ug/l
Date of Analysis:	4/19/11
Analyst:	KJP
Method:	624
Dilution Factor:	1
Trichloroethene	< 2
4-Bromofluorobenzene (surr)	89 %R
1,2-Dichlorobenzene-d4 (surr)	107 %R
Toluene-d8 (surr)	95 %R



LABORATORY REPORT

EAI ID#: 98468

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID: Effluent

Lab Sample ID: 98468.01

Matrix: aqueous

Date Sampled: 4/14/11

Date Received: 4/15/11

Chloride 2

Cyanide Total < 0.01

Total Phosphorus-P 0.06

Analysis

Units	Date	Time	Method	Analyst
mg/L	4/19/11	14:23	4500CIE	KL
mg/L	4/21/11	8:30	4500CNE	KJR
mg/L	4/21/11	16:59	365.1	SKC



LABORATORY REPORT

EAI ID#: 98468

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID: Effluent

Lab Sample ID: 98468.01

Matrix: aqueous

Date Sampled: 4/14/11

Date Received: 4/15/11

Antimony 0.0022

Copper 0.0017

Iron 0.74

Nickel 0.0037

Analytical Matrix	Units	Date of Analysis	Method	Analyst
AqTot	mg/L	4/18/11	200.8	DS
AqTot	mg/L	4/18/11	200.8	DS
AqTot	mg/L	4/18/11	200.8	DS
AqTot	mg/L	4/18/11	200.8	DS

2011 discharge



eastern analytical

Arnold L. Greenleaf
Newport WWTP
20 Putnam Road
Newport, NH 03773



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 99375
Client Identification: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011
Date Received: 5/11/2011

Dear Mr. Greenleaf:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.ealabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical, Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (289) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw
Lorraine Olashaw, Lab Director

Date

of pages (excluding cover letter)

www.ealabs.com



SAMPLE CONDITIONS PAGE

EAI ID#: 99375

Client: Newport WWTP
Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Temperature upon receipt (°C): 2		Received on ice or cold packs (Yes/No): Y					
Acceptable temperature range (°C): 0-5	Lab ID	Sample ID	Date	Date	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
	99375-01	Effluent	5/11/11	5/11/11	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Endpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

- All results contained in this report relate only to the above listed samples.
- References include:
- 1) EPA 600/4-79-020, 1983
 - 2) Standard Methods for Examination of Water and Wastewater - Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
 - 3) Test Methods for Evaluating Solid Waste SW 946 3rd Edition including updates IVA and IVB
 - 4) Hach Water Analysis Handbook, 2nd edition, 1992

eastern analytical, inc.

www.ealabs.com

Phone: (603) 228-0525



EAI ID#: 99375

LABORATORY REPORT

Client: Newport WWTP
Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Sample ID: Effluent
Lab Sample ID: 99375.01
Matrix: aqueous
Date Sampled: 5/11/11
Date Received: 5/11/11
Solids Suspended: 12
Chloride Total: 2
Cyanide Total: <0.01
Total Phosphorus-P: 0.05

Units	Date	Time	Method	Analyst
mg/L	5/13/11	10:45	2540D	DLS
mg/L	5/13/11	10:39	4500CIE	KL
mg/L	5/16/11	9:00	4500CIE	KJR
mg/L	5/13/11	12:51	385.1	SKC



EAI ID#: 99375

LABORATORY REPORT

Client: Newport WWTP
Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Sample ID: Effluent
Lab Sample ID: 99375.01
Matrix: aqueous
Date Sampled: 5/11/11
Date Received: 5/11/11
Units: ug/l
Date of Analysis: 5/18/11
Analyst: KJP
Method: 824
Dilution Factor: 1
Trichloroethene: < 2
4-Bromofluorobenzene (surr): 89 %R
1,2-Dichlorobenzene-d4 (surr): 107 %R
Toluene-d8 (surr): 99 %R



EAI ID#: 99375

LABORATORY REPORT

Client: Newport WWTP
Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Sample ID: Effluent
Lab Sample ID: 99375.01
Matrix: aqueous
Date Sampled: 5/11/11
Date Received: 5/11/11
Units: ug/l
Date of Analysis: 5/18/11
Analyst: KJP
Method: 824
Dilution Factor: 1
Trichloroethene: < 2
4-Bromofluorobenzene (surr): 89 %R
1,2-Dichlorobenzene-d4 (surr): 107 %R
Toluene-d8 (surr): 99 %R



eastern analytical, inc.

professional laboratory services

CHAIN-OF-CUSTODY RECORD

99375

LD

Date/Time _____
Composites need start and stop dates/times _____

Sample IDs _____ Matrix _____ Parameters and Sample Notes _____ # of containers 8

Effluent 5/11/11 0730 aqueous AqTot (CPMets-Sb-Cu-Ni-Fe/ClV624) Cyanide / TPhos / TSS

Sampler confirms ID and parameters are accurate Circle preservative/s: (HCL, HNO₃, H₂SO₄) NaOH, MEQH, Na₂S₂O₈, (ICE) Dissolved Sample Field Filtered

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID 3150

Project Name Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

State NH

Client (Pro Mgr) Arnold L. Greenleaf

Customer Newport WWTP

Address 20 Putnam Road
City Newport NH 03773

Phone 863-4338 Fax 863-8008

Email Address: trainsrfun2run@hotmail.com

Results Needed by: Preferred date _____

Notes about project: (i.e. Special Limits, Billing info if different...)
VOCs TCE only

QC deliverables
 A A+ B B+ C PC

Reporting Options
 HC
 EDD PDF
 EDD email
 PDF prelim, NO FAX
 e-mail Login Confirmation
 NO FAX

PC Number: verbal
Quote No: 1008237
Temperature 2 °C
Ice present Yes No

Samples Collected by: R. BOONE
Relinquished by: R. Boone 5/11/11 0900 / 1235 R. Boone
Relinquished by: P. Blood 05/11/11 1450 / 294 L. Maclellan

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301 Phone: (603)228-0525 1-800-287-0525 Fax: (603)228-4591

LABORATORY REPORT

EAI ID#: 99375

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID: _____

Lab Sample ID: 99375 01

Matrix: aqueous

Date Sampled: 5/11/11

Date Received: 5/11/11

Antimony 0.0022

Copper 0.0019

Iron 0.32

Nickel 0.0008

Analytical Matrix	Units	Date of Analysis	Method	Analyst
AqTot	mg/L	5/16/11	200.8	DS
AqTot	mg/L	5/16/11	200.8	DS
AqTot	mg/L	5/16/11	200.8	DS
AqTot	mg/L	5/16/11	200.8	DS

Phone (603) 228-0525

www.eai labs.com

eastern analytical, inc.



Arnold L. Greenleaf
Newport WWTP
20 Pulnam Road
Newport, NH 03773

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 99622
Client Identification: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011
Date Received: 5/18/2011



Dear Mr. Greenleaf:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI), were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.ealilabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

- < : "less than" followed by the reporting limit
- > : "greater than" followed by the reporting limit
- %R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olshaw
Lorraine Olshaw, Lab Director

Date: 6/6/11

of pages (excluding cover letter) 5

www.ealilabs.com

Client: Newport WWTP

Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Temperature upon receipt (°C): 5
Acceptable temperature range (°C): 0-6

Received on ice or cold packs (Yes/No): Y

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
99622.01	Effluent	5/18/11	5/18/11	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater: Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992

eastern analytical, inc.

www.ealilabs.com

Phone: (603) 228-0525



LABORATORY REPORT

EAI ID#: 99622

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID: Effluent

Lab Sample ID: 99622.01
 Matrix: aqueous
 Date Sampled: 5/18/11
 Date Received: 5/18/11
 Units: ug/l
 Date of Analysis: 5/19/11
 Analyst: KJP
 Method: 624
 Dilution Factor: 1
 Trichloroethene < 2
 4-Bromofluorobenzene (surr) 86 %R
 1,2-Dichlorobenzene-d4 (surr) 107 %R
 Toluene-d8 (surr) 97 %R

eastern analytical, inc.

www.eaillabs.com

Phone: (603) 228-0525

2



LABORATORY REPORT

EAI ID#: 99622

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID: Effluent

Lab Sample ID: 99622.01
 Matrix: aqueous
 Date Sampled: 5/18/11
 Date Received: 5/18/11
 Chloride 2
 Cyanide Total < 0.01
 Total Phosphorus-P 0.05

Units Analysis
 mg/L 5/25/11 14:07 4500CIE DLS
 mg/L 5/23/11 8:45 4500CNE KJR
 mg/L 6/03/11 18:02 365.1 SKC

eastern analytical, inc.

www.eaillabs.com

Phone: (603) 228-0525

3



eastern analytical, inc.
professional laboratory services

CHAIN-OF-CUSTODY RECORD

99622

5

Sample IDs	Date/Time <i>Composites need start and stop dates/times</i>	Matrix	Parameters and Sample Notes	# of containers
Effluent	5/18/11 0930	aqueous Grab or Comp	AqTot/ICPMets-Sb-Cu-Ni-Fe/CI/V624A TP Cyanide / TP	8
<input type="checkbox"/> Sampler confirms ID and parameters are accurate			Circle preservatives: HCL, HNO ₃ , H ₂ SO ₄ , NaOH, MEQH, Na ₂ S ₂ O ₈ , TCE	<input type="checkbox"/> Dissolved Sample Field Filtered

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID 3150
Project Name Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011
State NH
Client (Pro Mgr) Arnold L. Greenleaf
Customer Newport WWTP
Address 20 Putnam Road
City Newport NH 03773
Phone 863-4338 Fax 863-8008
EmailAddress: trainsrfun2run@hotmail.com

Results Needed by: Preferred date _____
Notes about project: (i.e. Special Limits, Billing info if different...)
VOCs TCE only
QC deliverables
 A A+ B B+ C PC

Reporting Options
 HC
 EDD PDF
 EDD email
 PDF prelim, NO FAX
 e-mail Login Confirmation
 NO FAX
 PNumber: verbal
 Quote No: 1008237
 Temperature 5 °C
 Ice present Yes No
 Samples Collected by: *Arnold L. Greenleaf*
 Relinquished by: *Kathleen Smith* Date/Time: *5/18/11 11:20 AM* Received by: *K. Greenleaf*
 Relinquished by: *Kathleen Smith* Date/Time: *5/18/11 11:50 AM* Received by: *K. Greenleaf*

Eastern Analytical, Inc. 25 Cheney Dr. Concord, NH 03301 Phone: (603)228-0525 1-800-287-0525 Fax: (603)228-4591

LABORATORY REPORT

EAI ID#: 99622

Client: Newport WWTP
Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Sample ID:	Effluent	Analytical Matrix	Units	Date of Analysis	Method	Analyst
Lab Sample ID:	99622.01	AqTot	mg/L	5/19/11	200.8	DS
Matrix:	aqueous	AqTot	mg/L	5/19/11	200.8	DS
Date Sampled:	5/18/11	AqTot	mg/L	5/19/11	200.8	DS
Date Received:	5/18/11	AqTot	mg/L	5/19/11	200.8	DS
Antimony	0.0022					
Copper	0.0025					
Iron	0.33					
Nickel	0.0007					

Phone: (603) 228-0525

www.ealabs.com

eastern analytical, inc.

4

Arnold L. Greenleaf
Newport WWTP
20 Putnam Road
Newport, NH 03773

Subject: Laboratory Report

Eastern Analytical, Inc ID: 99803

Client Identification: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011
Date Received: 5/25/2011

Dear Mr. Greenleaf:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.ealabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

- < : "less than" followed by the reporting limit
- > : "greater than" followed by the reporting limit
- %R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (289) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olshaw
Lorraine Olshaw, Lab Director

6-8-11
Date

5
of pages (excluding cover letter)

www.ealabs.com

www.ealabs.com

eastern analytical, inc.

Phone: (603) 228-0525

1



Client: Newport WWTP

Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Temperature upon receipt (°C): 4.4

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
99803.01	Dorr RGP Effluent	5/25/11	5/25/11	aqueous		Adheres to Sample Acceptance Policy

Received on ice or cold packs (Yes/No): Y

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Fixedpoint, Ignitibility, Particulate Matter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 800/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater - Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
- 3) Test Methods for Evaluating Solid Waste, SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



LABORATORY REPORT

EAI ID#: 99803

Client: **Newport WWTP**
Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID: **Dorr RGP Effluent**

Lab Sample ID: 99803.01
Matrix: aqueous
Date Sampled: 5/25/11
Date Received: 5/25/11
Chloride Total: 2
Cyanide Total: < 0.01
Total Phosphorus-P: 0.03

Units	Date	Time	Method	Analyst
mg/L	5/24/11	10:25	4500CIE	DLS
mg/L	5/27/11	7:50	4500CNE	KJR
mg/L	6/02/11	10:40	385.1	SKC



LABORATORY REPORT

EAI ID#: 99803

Client: **Newport WWTP**
Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011**

Sample ID: **Dorr RGP Effluent**

Lab Sample ID: 99803.01
Matrix: aqueous
Date Sampled: 5/25/11
Date Received: 5/25/11
Units: ug/l
Date of Analysis: 6/4/11
Analyst: KJP
Method: 624
Dilution Factor: 1
Trichloroethene: < 2
4-Bromofluorobenzene (surr): 107 %R
1,2-Dichlorobenzene-04 (surr): 103 %R
Toluene-08 (surr): 99 %R



Date/Time: 5/25/11
Composites need start and stop dates/times: 0730

Sample IDs: Effluent, Por RGP

Matrix: aqueous, Grab br Comp

Parameters and Sample Notes: AqTot/ICPMets-Sb-Cu-Ni-Fe/CIV624A/cw/TP

of containers: 8

Sampler confirms ID and parameters are accurate

Circle preservative/s: HCL, HNO₃, H₂SO₄, NaOH, MEQH, Na₂S₂O₈, TCE

Dissolved Sample Field Filtered

Please ensure this auto COC is accurate, adheres to permit or sampling requirements for this sampling event, and modify as necessary.

EAI Project ID 3150

Project Name: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

State: NH

Client (Pro Mgr): Arnold L. Greenleaf

Customer: Newport WWTP

Address: 20 Putnam Road, City: Newport NH 03773

Phone: 863-4338, Fax: 863-8008

Email Address: trainsrfun2run@hotmail.com

Results Needed by: Preferred date _____

Notes about project: (i.e. Special Limits, Billing info if different...)

VOCs TCE only

QC deliverables: A A+ B B+ C PC

Reporting Options: HC, EDD PDF, EDD email, PDF prelim, NO FAX, e-mail Login Confirmation, NO FAX

PNNumber: verbal, Quote No: 1008237, Temperature: 44 °C, Ice present: Yes No

Samples Collected by: Arnold L. Greenleaf

Relinquished by: Arnold L. Greenleaf, Date/Time: 5/25/11 0800

Received by: [Signature], Date/Time: 5/25/11 12:15

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301 Phone: (603)228-0525 1-800-287-0525 Fax: (603)228-4591

LABORATORY REPORT

EAI ID#: 99803

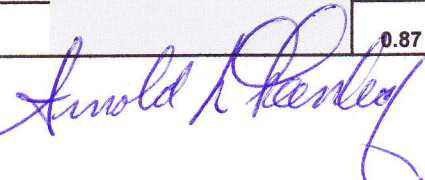


Client: Newport WWTP
Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2011

Sample ID:	Lab Sample ID:	Matrix:	Date Sampled:	Date Received:	Analytical Matrix	Units	Date of Analysis	Method	Analyst
	99803.01	aqueous	5/25/11	5/25/11	AqTot	mg/L	6/3/11	200.8	DS
					AqTot	mg/L	6/3/11	200.8	DS
					AqTot	mg/L	6/3/11	200.8	DS
					AqTot	mg/L	6/3/11	200.8	DS

Date	Day	Rain or Snow	WASTEWATER FLOW			pH	D.O.	TSS	Chloride	Cyanide	Antimony	Copper	Nickel	Iron	T-Phos	TCE	
			in MGD														s.u.
	Inches	INF. Tot	INF. MN.	INF. MX.	EFF. Tot	EFF.	EFF.	EFF.	EFF.	EFF.	EFF.	EFF.	EFF.	EFF.	EFF.	EFF.	
1	S	T	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
2	M	0.00	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
3	T	0.00	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
4	W	0.03	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
5	T	0.36	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
6	F	T	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
7	S	0.00	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
8	S	T	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
9	M	0.00	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
10	T	0.00	NO INF. FLOW TO LAGOONS			0.25	6.9	10.9									
11	W	0.00	NO INF. FLOW TO LAGOONS			0.50	6.9	10.1	7.0	2.0	<0.01	0.0022	0.0019	0.0008	0.32	0.05	<2
12	T	0.00	NO INF. FLOW TO LAGOONS			0.48	7.2	10.8									
13	F	0.00	NO INF. FLOW TO LAGOONS			0.48	7.7	11.0									
14	S	0.00	NO INF. FLOW TO LAGOONS			0.75	6.6	10.9									
15	S	0.13	NO INF. FLOW TO LAGOONS			1.00	7.3	10.8									
16	M	1.73	NO INF. FLOW TO LAGOONS			1.00	6.9	10.6									
17	T	0.04	NO INF. FLOW TO LAGOONS			0.97	7.7	10.8									
18	W	0.15	NO INF. FLOW TO LAGOONS			0.95	6.5	10.6		2.0	<0.01	0.0022	0.0025	0.0007	0.33	0.05	<2
19	T	0.27	NO INF. FLOW TO LAGOONS			0.95	6.5	10.5									
20	F	0.03	NO INF. FLOW TO LAGOONS			0.91	7.7	11.5									
21	S	0.14	NO INF. FLOW TO LAGOONS			0.87	7.9	12.2	6								
22	S	0.35	NO INF. FLOW TO LAGOONS			0.86	8.0	12.4									
23	M	0.15	NO INF. FLOW TO LAGOONS			0.86	7.9	12.8									
24	T	0.01	NO INF. FLOW TO LAGOONS			1.40	8.0	11.9									
25	W	0.00	NO INF. FLOW TO LAGOONS			1.30	8.0	12.0		2.0	<0.01	0.0034	0.0029	0.0008	0.64	0.03	<2
26	T	0.00	NO INF. FLOW TO LAGOONS			1.30	8.0	12.2									
27	F	0.00	NO INF. FLOW TO LAGOONS			1.30	8.0	10.2	13								
28	S	0.01	NO INF. FLOW TO LAGOONS			1.30	8.0	9.8									
29	S	0.00	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
30	M	0.00	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
31	T	0.00	NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
Denotes weekends		PERMIT LIMITS: >				6.5-8	N/A	30	MONITOR	5.2 ug/L	30 ug/l	26 ug/l	145 ug/l	5 K ug/l	N/A	5 ug	
Total	3.40				17.43					<0.03	0.0078	0.0073	0.0023	1.29	0.13	<6	
Average					0.87		11.2	8.7	2.0	<0.01	0.0026	0.0024	0.0008	0.43	0.043	<2	

Signature:



ARNOLD L. GREENLEAF / PLANT SUPT.

Disch
for 2012

testing prior to discharge

NPDES #
NHG# 910097

eastern analytical



SAMPLE CONDITIONS PAGE

EAI ID#: 108409

Arnold L. Greenleaf
Newport WWTP
20 Putnam Road
Newport, NH 03773

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 108409
Client Identification: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2012
Date Received: 3/14/2012



Dear Mr. Greenleaf:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

- Solid samples are reported on a dry weight basis, unless otherwise noted
- < : "less than" followed by the reporting limit
- > : "greater than" followed by the reporting limit
- %R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report. Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olshaw
Lorraine Olshaw, Lab Director

3-30-12 Date
5 # of pages (excluding cover letter)

www.eailabs.com

www.eailabs.com

Phone: (603) 228-0625

Client: Newport WWTP

Client Designation: Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2012

Temperature upon receipt (°C): 2.5
Acceptable temperature range (°C): 0-6

Received on ice or cold packs (Yes/No): Y

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
108409.01	Dorr Woolen Newport Lagoons RGP - NH Samples	3/14/12	3/14/12	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are reported on an "as received" basis.
All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater: Inorganics, 18th Edition, 1995, Microbiology, 20th Edition, 1998
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992

eastern analytical, inc.

LABORATORY REPORT

EAI ID#: 108409



LABORATORY REPORT

EAI ID#: 108409

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2012**

Sample ID: **Dorr Woolen Newport Lagoons
RGP - NH Samples**

Lab Sample ID: 108409.01
Matrix: aqueous
Date Sampled: 3/14/12
Date Received: 3/14/12
Units: ug/l
Date of Analysis: 3/15/12
Analyst: KJP
Method: 624
Dilution Factor: 1
Trichloroethene < 2
4-Bromofluorobenzene (sur) 96 %R
1,2-Dichlorobenzene-d4 (sur) 103 %R
Toluene-d8 (sur) 102 %R

Client: **Newport WWTP**

Client Designation: **Dorr Woolen Newport WWTP Lagoons - RGP | Q2 2012**

Sample ID: **Dorr Woolen
Newport Lagoons
RGP - NH Samples**

Lab Sample ID: 108409.01
Matrix: aqueous
Date Sampled: 3/14/12
Date Received: 3/14/12
Chloride 11
Cyanide Total < 0.01
Total Phosphorus-P 0.03

Units	Date	Time	Method	Analyst
mg/L	3/19/12	10:22	4500CIE	DLS
mg/L	3/22/12	10:00	4500CNE	KJR
mg/L	3/16/12	12:16	385.1	SKC

CHAIN-OF-CUSTODY RECORD

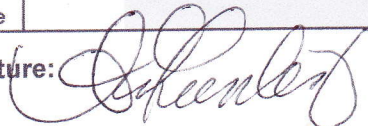
BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

108409

SAMPLE I.D.	SAMPLING DATE/TIME *IF COMPOSITE, INDICATE BOTH START & FINISH DATE/TIME	MATRIX (SEE BELOW) GRAB / COMPOSITE	VOC										SVOC										TCLP METALS										INORGANICS										Micro										OTHER										NOTES MeOH Vial #																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			5242	5243	5244	5245	5246	5247	5248	5249	5250	5251	5252	5253	5254	5255	5256	5257	5258	5259	5260	5261	5262	5263	5264	5265	5266	5267	5268	5269	5270	5271	5272	5273	5274	5275	5276	5277	5278	5279	5280	5281	5282	5283	5284	5285	5286	5287	5288	5289	5290	5291	5292	5293	5294	5295	5296	5297	5298	5299	5300	5301		5302	5303	5304	5305	5306	5307	5308	5309	5310	5311	5312	5313	5314	5315	5316	5317	5318	5319	5320	5321	5322	5323	5324	5325	5326	5327	5328	5329	5330	5331	5332	5333	5334	5335	5336	5337	5338	5339	5340	5341	5342	5343	5344	5345	5346	5347	5348	5349	5350	5351	5352	5353	5354	5355	5356	5357	5358	5359	5360	5361	5362	5363	5364	5365	5366	5367	5368	5369	5370	5371	5372	5373	5374	5375	5376	5377	5378	5379	5380	5381	5382	5383	5384	5385	5386	5387	5388	5389	5390	5391	5392	5393	5394	5395	5396	5397	5398	5399	5400	5401	5402	5403	5404	5405	5406	5407	5408	5409	5410	5411	5412	5413	5414	5415	5416	5417	5418	5419	5420	5421	5422	5423	5424	5425	5426	5427	5428	5429	5430	5431	5432	5433	5434	5435	5436	5437	5438	5439	5440	5441	5442	5443	5444	5445	5446	5447	5448	5449	5450	5451	5452	5453	5454	5455	5456	5457	5458	5459	5460	5461	5462	5463	5464	5465	5466	5467	5468	5469	5470	5471	5472	5473	5474	5475	5476	5477	5478	5479	5480	5481	5482	5483	5484	5485	5486	5487	5488	5489	5490	5491	5492	5493	5494	5495	5496	5497	5498	5499	5500	5501	5502	5503	5504	5505	5506	5507	5508	5509	5510	5511	5512	5513	5514	5515	5516	5517	5518	5519	5520	5521	5522	5523	5524	5525	5526	5527	5528	5529	5530	5531	5532	5533	5534	5535	5536	5537	5538	5539	5540	5541	5542	5543	5544	5545	5546	5547	5548	5549	5550	5551	5552	5553	5554	5555	5556	5557	5558	5559	5560	5561	5562	5563	5564	5565	5566	5567	5568	5569	5570	5571	5572	5573	5574	5575	5576	5577	5578	5579	5580	5581	5582	5583	5584	5585	5586	5587	5588	5589	5590	5591	5592	5593	5594	5595	5596	5597	5598	5599	5600	5601	5602	5603	5604	5605	5606	5607	5608	5609	5610	5611	5612	5613	5614	5615	5616	5617	5618	5619	5620	5621	5622	5623	5624	5625	5626	5627	5628	5629	5630	5631	5632	5633	5634	5635	5636	5637	5638	5639	5640	5641	5642	5643	5644	5645	5646	5647	5648	5649	5650	5651	5652	5653	5654	5655	5656	5657	5658	5659	5660	5661	5662	5663	5664	5665	5666	5667	5668	5669	5670	5671	5672	5673	5674	5675	5676	5677	5678	5679	5680	5681	5682	5683	5684	5685	5686	5687	5688	5689	5690	5691	5692	5693	5694	5695	5696	5697	5698	5699	5700	5701	5702	5703	5704	5705	5706	5707	5708	5709	5710	5711	5712	5713	5714	5715	5716	5717	5718	5719	5720	5721	5722	5723	5724	5725	5726	5727	5728	5729	5730	5731	5732	5733	5734	5735	5736	5737	5738	5739	5740	5741	5742	5743	5744	5745	5746	5747	5748	5749	5750	5751	5752	5753	5754	5755	5756	5757	5758	5759	5760	5761	5762	5763	5764	5765	5766	5767	5768	5769	5770	5771	5772	5773	5774	5775	5776	5777	5778	5779	5780	5781	5782	5783	5784	5785	5786	5787	5788	5789	5790	5791	5792	5793	5794	5795	5796	5797	5798	5799	5800	5801	5802	5803	5804	5805	5806	5807	5808	5809	5810	5811	5812	5813	5814	5815	5816	5817	5818	5819	5820	5821	5822	5823	5824	5825	5826	5827	5828	5829	5830	5831	5832	5833	5834	5835	5836	5837	5838	5839	5840	5841	5842	5843	5844	5845	5846	5847	5848	5849	5850	5851	5852	5853	5854	5855	5856	5857	5858	5859	5860	5861	5862	5863	5864	5865	5866	5867	5868	5869	5870	5871	5872	5873	5874	5875	5876	5877	5878	5879	5880	5881	5882	5883	5884	5885	5886	5887	5888	5889	5890	5891	5892	5893	5894	5895	5896	5897	5898	5899	5900	5901	5902	5903	5904	5905	5906	5907	5908	5909	5910	5911	5912	5913	5914	5915	5916	5917	5918	5919	5920	5921	5922	5923	5924	5925	5926	5927	5928	5929	5930	5931	5932	5933	5934	5935	5936	5937	5938	5939	5940	5941	5942	5943	5944	5945	5946	5947	5948	5949	5950	5951	5952	5953	5954	5955	5956	5957	5958	5959	5960	5961	5962	5963	5964	5965	5966	5967	5968	5969	5970	5971	5972	5973	5974	5975	5976	5977	5978	5979	5980	5981	5982	5983	5984	5985	5986	5987	5988	5989	5990	5991	5992	5993	5994	5995	5996	5997	5998	5999	6000	6001	6002	6003	6004	6005	6006	6007	6008	6009	6010	6011	6012	6013	6014	6015	6016	6017	6018	6019	6020	6021	6022	6023	6024	6025	6026	6027	6028	6029	6030	6031	6032	6033	6034	6035	6036	6037	6038	6039	6040	6041	6042	6043	6044	6045	6046	6047	6048	6049	6050	6051	6052	6053	6054	6055	6056	6057	6058	6059	6060	6061	6062	6063	6064	6065	6066	6067	6068	6069	6070	6071	6072	6073	6074	6075	6076	6077	6078	6079	6080	6081	6082	6083	6084	6085	6086	6087	6088	6089	6090	6091	6092	6093	6094	6095	6096	6097	6098	6099	6100	6101	6102	6103	6104	6105	6106	6107	6108	6109	6110	6111	6112	6113	6114	6115	6116	6117	6118	6119	6120	6121	6122	6123	6124	6125	6126	6127	6128	6129	6130	6131	6132	6133	6134	6135	6136	6137	6138	6139	6140	6141	6142	6143	6144	6145	6146	6147	6148	6149	6150	6151	6152	6153	6154	6155	6156	6157	6158	6159	6160	6161	6162	6163	6164	6165	6166	6167	6168	6169	6170	6171	6172	6173	6174	6175	6176	6177	6178	6179	6180	6181	6182	6183	6184	6185	6186	6187	6188	6189	6190	6191	6192	6193	6194	6195	6196	6197	6198	6199	6200	6201	6202	6203	6204	6205	6206	6207	6208	6209	6210	6211	6212	6213	6214	6215	6216	6217	6218	6219	6220	6221	6222	6223	6224	6225	6226	6227	6228	6229	6230	6231	6232	6233	6234	6235	6236	6237	6238	6239	6240	6241	6242	6243	6244	6245	6246	6247	6248	6249	6250	6251	6252	6253	6254	6255	6256	6257	6258	6259	6260	6261	6262	6263	6264	6265	6266	6267	6268	6269	6270	6271	6272	6273	6274	6275	6276	6277	6278	6279	6280	6281	6282	6283	6284	6285	6286	6287	6288	6289	6290	6291	6292	6293	6294	6295	6296	6297	6298	6299	6300	6301	6302	6303	6304	6305	6306	6307	6308	6309	6310	6311	6312	6313	6314	6315	6316	6317	6318	6319	6320	6321	6322	6323	6324	6325	6326	6327	6328	6329	6330	6331	6332	6333	6334	6335	6336	6337	6338	6339	6340	6341	6342	6343	6344	6345	6346	6347	6348	6349	6350	6351	6352	6353	6354	6355	6356	6357	6358	6359	6360	6361	6362	6363	6364	6365	6366	6367	6368	6369	6370	6371	6372	6373	6374	6375	6376	6377	6378	6379	6380	6381	6382	6383	6384	6385	6386	6387	6388	6389	6390	6391	6392	6393	6394	6395	6396	6397	6398	6399	6400	6401	6402	6403	6404	6405	6406	6407	6408	6409	6410	6411	6412	6413	6414	6415	6416	6417	6418	6419	6420	6421	6422	6423	6424	6425	6426	6427	6428	6429	6430	6431	6432	6433	6434	6435	6436	6437	6438	6439	6440	6441	6442	6443	6444	6445	6446	6447	6448	6449	6450	6451	6452	6453	6454	6455	6456	6457	6458	6459	6460	6461	6462	6463	6464	6465	6466	6467	6468	6469	6470	6471	6472	6473	6474	6475	6476	6477	6478	6479	6480	6481	6482	6483	6484	6485	6486	6487	6488	6489	6490	6491	6492	6493	6494	6495	6496	6497	6498	6499	6500	6501	6502	6503	6504	6505	6506	6507	6508	6509	6510	6511	6512	6513	6514	6515	6516	6517	6518	6519	6520	6521	6522	6523	6524	6525	6526	6527	6528	6529	6530	6531	6532	6533	6534	6535	6536	6537	6538	6539	6540	6541	6542	6543	6544	6545	6546	6547	6548	6549	6550	6551	6552	6553	6554	6555	6556	6557	6558	6559	6560	6561	6562	6563	6564	6565	6566	6567	6568	6569	6570	6571

Date	Day	Rain or Snow Inches	WASTEWATER FLOW in MGD			pH s.u.	D.O. mg/l	TSS mg/l	Chloride mg/l	Cyanide mg/l	Antimony mg/l	Copper mg/l	Nickel mg/l	Iron mg/l	T-Phos mg/l	TCE ug/l	
			INF. Tot	INF. MN.	INF. MX.												EFF. Tot
1	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
2	F		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
3	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
4	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
5	M		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
6	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
7	W		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
8	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
9	F		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
10	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
11	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
12	M		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
13	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
14	W		NO INF. FLOW TO LAGOONS			0.00	7.0	13.8	4.0	11	<0.01	0.0027	0.0036	0.007	0.46	0.03	<2.0
15	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
16	F		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
17	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
18	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
19	M		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
20	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
21	W		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
22	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
23	F		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
24	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
25	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
26	M		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
27	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
28	W		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
29	T		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
30	F		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
31	S		NO INF. FLOW TO LAGOONS			NO DISCHARGE FROM LAGOONS.											
Denotes weekends																	
						Detection Limit (PQL): 30. M 5.2 5.6 2.9 16.1 37 M 5.0											
Total	0.00					0											
Average						0.00 13.8 4.0 11.0 <0.01 0.0027 0.0036 0.0072 0.46 0.03 <2.0											

Signature:



ARNOLD L. GREENLEAF / PLANT SUPT.

**BEST MANAGEMENT PRACTICES PLAN & OPERATIONAL PROCEDURES FOR
TOWN OF NEWPORT–Dorr WOOLEN LAGOONS**

NEWPORT, NH 03773

INDUSTRIAL SEWAGE LAGOON-DAM #178.37 / RGP #NH910047

1. This BMPP is done for the discharge operations of the old Dorr Woolen Industrial lagoons covered by RGP #NH910047.
 - a.
 - 1) As this site currently only receives storm runoff and atmospheric deposition there is no treatment process equipment onsite to physically treat the flow prior to discharge. We only have the detention time that the lagoons allow us for treatment, so we intend to run tests on the pond we will discharge from prior to actually draining water to the Sugar River. This way we can verify that we will meet the terms of the permit before any water actually leaves the lagoons.
 - 2) As we plan to test the beforehand we will know that the water we are discharging meets permit limits and in turn will allow us to protect the water body that we would be discharging to. Should our testing show that we are not meeting permit limits then no water would be discharged until we could treat it so that it would meet the limits.
 - 3) This site only contains the 4 lagoons and we have removed all debris, scrap and any storage buildings. There is no daily activity, manufacturing or handling of materials at the site and there is nothing stored on this site that could ever spill. It is simply open land with grassy areas between the abandoned lagoons. Nothing is out there to spill unless someone was to trespass and illegally dispose of something into the lagoons.
 - 4) The treatment system is simply the 4 lagoons, nature and detention time as our only treatment process. We maintain the site so that it is clear of brush, it is mowed annually and the fencing is maintained to keep human activity out of the lagoon area. The only physical control we have over the lagoons is the flow control gates that allow us to move flow between the ponds and the gates are maintained/used on a regular basis. These are our only methods to maintain the treatment system so that it will operate properly to meet the permit limits.
 - b. There is no day-to-day work activity at the site and when we are out there we are not handling any pollutants that would be discharged into the lagoons. They are only collecting storm flows and related runoff.
 - c. This BMPP is incorporated into the "Operational Procedures for Dorr Woolen lagoons" plan that was drawn up for the NH Bureau of Dams, Inspection and Operations Div. This provides all information relative to the operation of the Dorr lagoons and how we deal with them on a regular basis, as well as all emergency contacts in case someone at the Town needs to be contacted on off hours.
 - d. The BMPP is maintained on file at the:

TOWN OF NEWPORT WWTF
20 Putnam Road
Newport, NH 03773
603-863-4338

This is the location of the principal operator of the Dorr lagoons. It is the only safe and accessible site that is available to us so that it is available for federal and state inspection.

- e. The preventative maintenance (PM) plan for this site is included here in this part of the document.
- 1) There is no treatment equipment on the site so there is nothing to develop a PM plan for. The only equipment in the lagoons is the 4 flow level gates and those are simply used on a regular basis to keep them in an operable condition. They do not require maintenance unless something breaks upon which it would be repaired.
 - 2) Regular maintenance activities are undertaken at the site. These would be mowing the open areas, cutting brush back where it would be intruding on fences, discharge structures or roadways. We would also repair the roadways around the lagoons if needed due to weather damage. A separate checklist is maintained showing regular inspections and any maintenance activities that are done at the site so that we have a record of all contact with the site. I have included this with the submission of the BMPP.
2. Additional Best Management Practices--
- a. **Site Security-** The entire lagoon area is fenced in with heavy chain link fencing and access to the site is limited to only the necessary personnel who maintain and monitor it. As there is no equipment at the site there is very little problem with trespassers or damage to the area as OHRVs are not able to access the site due to the fencing. The fencing is monitored and should damage be noticed it is fixed quickly so that we can limit any trespassing.
 - b. **Management of Generated Wastes-** As I noted before there is no activity done at this site to generate any wastes so therefore there is nothing to dispose of. Anything that we do there for work or sampling that might generate waste/trash or broken parts, etc. would be returned back to the Wastewater Treatment plant and disposed of properly.
 - c. **Prohibition of Discharge Exceeding Design Flow-** We discharge below the effluent weir on the outlet structure through an 8" pipe controlled by a gate valve. This effectively limits us on how much flow we can withdraw in a 24 hr period. So we would be unable to exceed the design flow out of the facility.
 - d. **Total Flow through the treatment system-** As there was no flow meter on the site, Dorr Woolen personnel had used a flow calculation to determine the actual discharge rate through the 8" pipe in a 24 hour period. This had been used when they were running the lagoons and discharging under the old NPDES Permit NH 0100307. We have continued to use the same process ever since the Town resumed responsibility for the site, even while we were discharging under the auspices of NPDES permit #NH0100307.
 - e. **Employee Training-** The only two employees that are involved with handling the flow from the lagoons and their maintenance are the same two employees that run the Town's wastewater treatment facility. Both are NHDES certified and are constantly taking training classes to maintain their existing certifications for the proper operation of the Town facility.
 - f. **Management of Run-on and Run-off-** The lagoons were constructed in 1971 as an engineered site that was designed to divert offsite flows around the 4 lagoons and away from the dikes to eliminate any Run-on. It is designed to handle any storm flow that is on the roadways or grassy areas by diverting it to the lagoons themselves, eliminating actual run-off from the fenced in area. There are no paved areas only packed gravel for the roads and grassy open areas between the upper and lower lagoons, as well as along the fence line and dike roadways. This mitigates any chance of excessive run-off from the area. The entire area is elevated and the lower dikes are armored and set back from the river channel, so that there is little danger that it could be flooded by the Sugar River.

Any rise in river levels would flood over the old mill site and down the State highway before it could threaten the lower lagoon dikes.

- g. Erosion, Scouring and Sediment control-** All discharges from the lagoons would be through an engineered structure that was designed solely as a discharge point capable of handling the flows we would need to drain from the lagoons. These structures are tied to a river discharge point by a 24" diameter concrete piping system that allows for year round discharge without having to run a flow overland. The point in the lagoon from where we discharge to the river allows us to control our flow rates so we would not be creating any erosion, stream scouring or dumping of sediment to the river.
- 3. Hydrostatic Testing-** We are not a Hydrostatic testing discharger.
- 4. BMPP Deadlines-** We plan to discharge from the lagoons on this site throughout the entire life of the current permit for no more than a 30 or 60 day period at any one time. The discharges could range from a frequency of anywhere from once every 6 months to possibly as long as 5 years+ apart. It would all depend on the amount of storm flows into the open lagoons and how they handled them.

ALL FURTHER INFORMATION FROM THIS POINT ON IS RELATIVE TO THE NH DAM BUREAU AND INCLUDED FOR INFORMATIONAL PURPOSES TO ALL PARTIES INVOLVED WITH THE LAGOONS.

I. REGULAR OPERATION:

The Dorr Woolen mill is presently out of business and there is no longer any industrial discharge to the lagoons as such. The only remaining flow to them is a small amount of runoff from the dikes themselves and atmospheric deposition, snow or rain into the lagoons themselves. We have been working with an engineering company for the last several years to come up with an acceptable closure plan to dewater, remove the sludge and breach them so that they will no longer be any type of impoundment for water. This work is expected to be done sometime in the future, if everything goes according to plan.

SEASONAL OPERATION:

1. Currently the lagoons are discharged only when they are within 6" of their normal discharge point and then drained as low as we can possibly drain them within a 30-60 day period, then allowed to refill again. This procedure occurs intermittently depending on water levels, as we no longer have the pumped flow from the mill facility. We inspect the lagoons on a monthly basis to monitor water levels and when we are experiencing severe storm events we are checking them constantly to be sure that they do not reach the point of discharge to the river before we can control and monitor the flow.

II. MAINTENANCE PROGRAM:

Due to the current status of the ponds, there is no ongoing maintenance being done other than fixing fences, repairing stop gates, etc on an as-needed basis only. The site has been cleaned up of any debris/scrap/buildings that was left behind by Dorr personnel so the site will be clean for the contractors whenever work is started to close them out.

III. EMERGENCY CONTACT PERSONNEL:

ARNOLD L. GREENLEAF, PLANT SUPERINTENDENT

WORK PHONE: (603) 863-4338

CELL PHONE: (603) 477-5410

RICHARD BOONE, PLANT BACKUP OPERATOR

WORK PHONE: (603) 863-4338

HOME NUMBER: (603) 865-5542

TOWN OF NEWPORT / DEPT. OF PUBLIC WORKS

LARRY WIGGINS, DIRECTOR OF PUBLIC WORKS

WORK PHONE: (603) 863-3650

HOME PHONE: (603) 863-0085 / 253-3091

CELL NUMBER: (603) 477-4901

TOWN OF NEWPORT / POLICE DEPT.

(603) 863-3240, FAX: 863-1372

TOWN OF NEWPORT / FIRE DEPT.

(603) 863-1416, FAX: 863-8016

NHDES & EMERGENCY MANAGEMENT

9-271-2985, NANCY LESIEUR, PERMITS & COMPLIANCE-NHDES

9-271-2231 / 9-1-800-852-3792 NH OFFICE OF EMERGENCY MANAGEMENT

USEPA-RESPONSE CENTER

9-1-617-223-7265

9-1-617-918-1877, TO REPORT A VIOLATION-- JOY HILTON

IV. MISCELLANEOUS:

1. The Town's main plant is staffed seven days a week so we are available to go out to the lagoons in any type of situation. In times of severe storm events the lagoons are under constant watch, should high influent flows or flooding in the river occur, that could cause damage or breaching of the dikes, it is anticipated that the operators could respond to the problem before it would cause total failure of the dikes. All of the appropriate authorities would be notified of any type of problem of this nature as soon as it became apparent.
2. The lagoon facility is located across the river and directly behind the site of the old Dorr mill, which is located in an area of numerous residences and other small industries. The area downstream while heavily wooded on the lagoon side of the river and void of residential activity is within proximity to a main highway and human habitation on the mill side of the river. Should there be a failure of one or both of the lower lagoons -3 & 4- it would result in an increase in river levels and possible flooding of the mill yard and several of the residences within the immediate vicinity. Both of these lagoons are located back some distance and up from the edge of the river. They are both covered with heavy rip-rap to protect them so even with the current storm patterns they have shown no signs of erosion from the flows of the river.