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Engineering & Consulting Resources, Inc.
www.ecr-consulting.com

ECR, Inc.
PO Box 966
Acton, MA 01720
(978) 500-3199
info@ecr-consulting.com

October 3, 2008

MAG250009

Environmental Protection Agency New England-Region 1
Office of Ecosystem Protection
One Congress Street
Boston, Massachusetts 02114-2023

Massachusetts Department of Environmental Protection
Northeast Regional Office
205B Lowell Street
Wilmington, Massachusetts 01887

Re: Notice of Intent
NPDES General Permit No. MAG250009 Renewal
Parkview Condominium Association
200 Swanton Street
Winchester, Massachusetts 01890

To Whom It May Concern:

On behalf of the Parkview Condominium Association (Parkview), Engineering and Consulting Resources, Inc. (ECR) prepared this Notice of Intent (NOI) as required by Environmental Protection Agency (EPA) and Massachusetts Department of Environmental Protection (MADEP). This NOI includes the Appendix 5 application form and other required information regarding the above-referenced facility. This NOI is being submitted in order to continue coverage under the current National Pollutant Discharge Elimination System (NPDES) Non-Contact Cooling Water General Permit.

General Facility Information
The facility location, shown on the attached Site Locus Map, is Parkview Condominiums (Parkview), 200 Swanton Street in Winchester, Massachusetts 01890. The facility is a residential condominium with 318 units. Peter Simon is the Chairman of Parkview Condominium Association (private owners), whose office is at the same location. Mr. Simon can be reached at telephone #781-729-0360, and via fax at 603-882-7313.

Discharge Information
Parkview has been covered under the NPDES Non-Contact Cooling Water General Permit since November 28, 2000 (permit number MAG250009). The discharge is to the Aberjona River, a Class B freshwater body. This discharge, with one outfall, is not a "new discharge" as defined by 40 CFR Section 122.2. Parkview uses groundwater in their heat pump system to provide heating and cooling of their approximately 318 residential units (see Figure 2). The heat pump system has been operational since

approximately 1966, and was substantially modified in 1985 and 2003 to increase efficiency and decrease water consumption. Chemical additives are not used for pH neutralization or dechlorination. See Appendix 5 for further information.

The attached engineering calculations indicate a potential 14 F temperature rise in the Aberjona River under the combined occurence of 7Q10 conditions and maximum discharge from Parkview. While it is conceivable that 7Q10 conditions could occur at a time of maximum discharge, ECR believes the available 7Q10 value is in error, and substantially underestimates the actual 7Q10 flow. Therefore, in our opinion, the calculated 14 F temperature rise is a substantial over-estimate.

Please feel free to call if you have any questions or comments on this Notice of Intent.

Sincerely,

REDoherty

Richard E. Doherty, P.E.
President

Attachments:
Appendix 5 Application Form
Site Locus Map
Site Plan
Engineering Calculations
Summary of Groundwater Results
Laboratory Report
Appendix 1- ACEC in Massachusetts (applicable pages)
Appendix 2- Endangered Species Act Review and Requirements (applicable pages) and a copy of Request for Information letter
Appendix 3- National Historic Preservation Act Review and Requirements (applicable pages) and confirmation letter from National Registry of Historic Places

cc: Peter Simon, Parkview Condominium Association

APPENDIX 5

Suggested Form for Notice of Intent (NOI) for the Noncontact Cooling Water General Permit

1. General facility information. Please provide the following information about the facility.

a) Name of facility: Parkview Condominiums		Type of Business: Residential condos
Facility Location Address : 200 Swanton St. Winchester, MA 01890 longitude: 42° 27' 39.57"N latitude: 71° 08' 19.99"W	Facility SIC codes:	Facility Mailing Address (if not location address)
b) Name of facility owner: Parkview Condominium Association		Email address of owner:
Owner's Tel #: 781-729-0360 Owner's Fax # 603-882-7313		Owner is (check one): 1. Federal____ 2. State _____ 3.Tribal_____ 4. Private ✓ 4. Other _____(Describe)
Address of owner (if different from facility address)		

Legal name of Operator, if not owner: _____

Operator Contact Name: _____

Operator Tel Number: _____ Fax Number: _____

Operator's email: _____

Operator Address (if different from owner)

d) Attach topographic map indicating the locations of the facility and the receiving water; all NCCW discharge points; upstream and downstream monitoring points. Map attached? Yes

e) Check Yes or No for the following:

1. Has a prior NPDES permit been granted for the discharge? Yes X No____ If Yes, Permit Number: MAG250009
2. Is the discharge a "new discharge" as defined by 40 CFR Section 122.22? Yes____ No X
3. Is the facility covered by an individual NPDES permit? Yes____ No X If Yes, Permit Number ____
4. Is there a pending application on file with EPA for this discharge? Yes____ No X If Yes, date of submittal:

ATTACHMENT A of General Permit Continued

(3) Often, the facility discharge is given in units of gallons per day, or million gallons per day (mgd). Use the conversion factor of 0.645 mgd/cfs or 0.645 mgd per 1 cfs to convert from cfs to mgd.

Therefore, for this equation, we are assuming all of the waste heat from the facility is transferred to the river. The waste heat from the facility can either be calculated using the maximum change in temperature and the maximum effluent flow or it can be determined by plant engineering personnel.

EXAMPLE 1:
A facility has a maximum permitted flow rate of 1 mgd. The maximum amount of heat that needs to be rejected from the plant is 10,000 btu/hr. The 7Q10 of the river has been determined to be 325 cfs. What is the maximum calculated change in river temperature? The plant is located in a Massachusetts Warm Water fishery.

SOLUTION 1:
Since all of the heat rejected by the plant is assumed to be absorbed by the river, $Q_p = Q_r$ and $Q_r = C_p M_r \Delta T_r$ or $\Delta T_r = Q_r / C_p M_r$

Qr = 10,000 btu/hr

Convert 325 cfs to mgd, 325 cfs x 0.645 $\frac{\text{mgd}}{\text{cfs}}$ = 209.6 mgd

ΔT_r = (10,000 btu/hr)/(1 btu/lbs°F) x (24 hrs/day) x (gal/8.34 lbs) / 209.6 x 10^6 gal/day

= 1.37×10^{-4} °F

In this example, the facility has demonstrated that the receiving water will be protected. Therefore, no in-stream monitoring would be required.

EXAMPLE 2:
A facility has a maximum reported ΔT of 35°F. The maximum plant design is 1 mgd. The 7Q10 is determined to be 125 cfs. The plant is located in a Massachusetts Cold Water fishery.

SOLUTION 2:
Convert 125 cfs to mgd, 125 cfs x 0.645 $\frac{\text{mgd}}{\text{cfs}}$ = 80.62 mgd.

$\Delta T_r = m_p / m_r \times \Delta T_p$

= (1 mgd/80.62 mgd) x 35 °F

= 0.43°F

ATTACHMENT A - NCCW General Permit
Example Receiving Water Temperature
Engineering Calculation for Massachusetts Facilities

Example calculation for a facility that uses a river as the receiving water:

The basic equations used for the calculation of river temperature rise are as follows:

$$Q_{plant} = C_p m_p \Delta T_p$$

$$Q_{river} = C_p m_r \Delta T_r$$

$$C_p m_p \Delta T_p = C_p m_r \Delta T_r$$

$$\Delta T_r = m_p / m_r \times \Delta T_p$$

Where

Q_{plant} = heat load discharged from plant (btu)
C_p = heat capacity of water = 1.0 °F x btu/lb
m_p = mass of effluent, lbs (gal. or cubic feet per second if volume is used)
ΔT_p = change in temperature, effluent – influent, °F
m_r = mass of river, lbs (gal. or cubic feet per second if volume is used)
ΔT_r = change in river temperature, °F

Notes:
(1) Since both the effluent mass (m_p) and river mass (m_r) convert to volume by using the same factor of 1 gal/8.34 lbs, a volumetric unit may be substituted for mass in the above equation, as long as same units are consistently used for both the river and plant terms.

(2) The 7Q10 should be used as the mass of the river. Typically, 7Q10 information is given in units of cubic feet per second (cfs).

The state permitting authority must be contacted, via email at

a. Massachusetts facilities: Kathleen.Keohane@state.ma.us
b. New Hampshire facilities: jandrews@des.state.nh.us, ddudley@des.state.nh.us or swilloughby@des.state.nh.us

to confirm the annual 7Q10 low flow for the facility prior to completing the NOI requirements for the permit. Prior to contacting the state permitting authority, new applicants may wish to view the 7Q10 data posted at the USGS StreamStats website at http://water.usgs.gov/osw/streamstats/

For the convenience of Massachusetts facilities that were granted coverage under the expired NCCW general permit, the 7Q10 estimates for those permits are posted at http://www.epa.gov/region1/npdes/nccwgp.html and can be used by those applicants if re-applying for coverage under this general permit.

TABLE 1
METALS RESULTS: WATER
PARKVIEW CONDOMINIUMS
200 SWANTON STREET
WINCHESTER, MASSACHUSETTS

Sample ID	Date	Antimony	Arsenic	Cadmium	Hexavalent Chromium	Trivalent Chromium	Chloride	Copper	Iron	Mercury	Nickel	Silver	Zinc
PARKVIEW 001	09/09/08	<50	<10	**1.6**	<4	<7	162,000	**26.6**	**9,290**	<0.10	<5	**<10**	26
NRWQC Acute		--	340	2.0	16	570	860,000	13	--	1.40	470	3.2	120
NRWQC Chronic		--	150	0.25	11	74	230,000	9.0	1,000	0.77	52	--	120

Notes:

1. All results in micrograms per liter (ug/l). -- = no standard.
2. <10 – not detected above the method detection limit shown.
3. NRWQC: National Recommended Water Quality Criteria. **Bold** values exceed NRWQC.
4. "Upstream" water sample Hardness amount = 86.3 mg/L as CaCO3.

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed)

a) Name of receiving water into which discharge will occur: Aberjona River
State Water Quality Classification: Class B Freshwater: X Marine Water: _____

b) Describe the discharge activities for which the owner/applicant is seeking coverage: Parkview is a residential condominium that uses groundwater in a heat exchanger for heating and cooling. Discharges Noncontact heating and cooling water to Aberjona River.

c) FOR MASSACHUSETTS FACILITIES ONLY: Engineering Calculations: Submit the completed engineering calculation of the surface water temperature rise as shown in Attachment A of the General Permit. Check if attached: X

d) Number of outfalls 1

For each outfall:

e) What is the maximum daily and average monthly flow of the discharge? Note that EPA will use the flow reported here as the facility's permitted effluent flow limit. Max Daily Flow 0.4 MGD ~~GPD~~ Average Flow 0.3 MGD ~~GPD~~

f) What is the maximum daily and average monthly temperature of the discharge (in degrees F)? Max Temp. 77.5°F Average Temp. 77.3°F

g) What is the maximum and minimum monthly pH of the discharge (in s.u.)? Max pH 7.8 Min pH 5.5

h) FOR MASSACHUSETTS FACILITIES ONLY: Is the source water of the NCCW potable water? Yes_____ No X If Yes, EPA will calculate the Total Residual Chlorine limit for facilities located in Massachusetts.

i) Is the discharge continuous? Yes X No _____ If no, is the discharge periodic (P) (occurs regularly, i.e., monthly or seasonally, but is not continuous all year) or intermittent (I) (occurs sometimes but not regularly) or both (B) _____
If (P), number of days or months per year of the discharge _____ and the specific months of discharge _____;
If (I), number of days/year there is a discharge _____

j) Latitude and longitude of each discharge within 100 feet: outfall 1: long. 42° 27' 38.9"N lat. 71° 08' 13.9"W; ~~outfall 2: long.~~_____ lat._____; outfall .3: long._____ lat._____ (See http://www.epa.gov/tri/report/siting_tool)

k) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 0.37 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations. See General Permit Attachment B for equations and additional information.

MASSACHUSETTS FACILITIES: See Part 3.4 and Appendix 1 of the General Permit for more information on ACEC.
Areas of Critical Environmental Concern (ACEC): Does the discharge occur in an ACEC? Yes _____ No X
If yes, provide the name of the ACEC: _____

3. NCCW Source Water Information. Please provide information about the NCCW source water, using separate sheets as necessary:

a) Indicate source of the NCCW (i.e., municipal water supply, private well, surface water withdrawal, groundwater):

Source: GROUNDWATER

Name of Source Water: _____

_____

Is the source registered/permitted under MA Water Management Act or NHDES Water User Registration Rule (Env Wq 2202)?

Yes X No _____

If yes, registration number: Water Withdrawal Permit # 9P2-3-19-344.03

b) If source water is surface water:

i) Is it a freshwater river or stream Yes _____ No _____

ii) Is it a lake? _____ reservoir? _____

iii) Is it tidal river? _____ estuary? _____ ocean? _____

c) Is the source water groundwater? Yes X No _____ If yes, see Appendix 8 and submit effluent and surface water test results, as required in Part 5.4 of the General Permit.

d) Does the facility use both a primary and backup source of noncontact cooling water?

Yes _____ No X

If yes, attach information that identifies and explains the primary and backup sources of noncontact cooling water for and how often the backup supply was used in last three years.

4. Best Technology Available for CWIS

Are you subject to BTA requirements at Part 4.2 of the General Permit? (Facility's discharge is covered by this General Permit and the facility withdraws noncontact cooling water from surface source water). Yes _____ No X If No, explain:

NONCONTACT COOLING WATER IS WITHDRAWN FROM GROUNDWATER,

If YES, attach the facility-specific BTA description as required in Part 4.3 of the General Permit. For additional information and guidance, see Questions 13-23 of the NCCW Fact Sheet, posted at http://www.epa.gov/region1/npdes/nccwgp.html. Provide a map showing the location of each CWIS intake structure; NCCW outfall(s) and any CWIS feature referred to in the BTA description.

Include in your description:

_____ Measures to meet the General Permit Part 4.3.a general BTA requirements, including documentation that describes the facility's monitoring program for impinged fish and/or invertebrate; or the required alternative monitoring plan frequency and/or protocol

_____ A characterization of the source water body's aquatic life habitat in the vicinity of each CWIS during the seasons when the CWIS may be in use

_____ The attributes of the current CWIS

_____ Design measures of the CWIS

_____ Operation measures of the CWIS

_____ Historical occurrence of impinged fish for the past five years

_____ If applicable, a demonstration that the facility's intake rate is commensurate with a closed-cycle recirculation system

_____ Other components to reduce impingement and/or entrainment of aquatic life

4. BTA FOR CWIS CONTINUED:

Provide the following information for each CWIS to support your attached facility-specific BTA description.
Design capacity of the of the CWIS _____MGD
Maximum monthly average intake of the CWIS during the previous five years _____MGD Month in which this flow occurred _____
Maximum through-screen design intake velocity _____feet/second (fps)

For facilities where the CWIS is located on a freshwater river or stream, provide the following information:
The source water's annual mean flow _____cubic feet/second (cfs) as available from USGS or other appropriate source
The design intake flow as a % of the source water's annual mean flow _____ Attach calculations if equal to or less than 5% of annual mean flow.
The source water's 7Q10 _____cfs. See Attachment B of the General Permit for more information on 7Q10 determinations.
The design intake flow as a percent of the source water's 7Q10 _____

5. Contaminant Information

If applicable, attach a listing of all non-toxic pH neutralization and/or dechlorination chemicals used, including chemical name and manufacturer; maximum and average daily quantity used as well as the maximum and average daily expected concentrations (mg/l) in the NCCW discharge, and the vendor's reported aquatic toxicity (NOAEL and/or LC_{50} in percent for aquatic organism(s)).

6. Determination of Endangered Species Act Eligibility: Provide documentation of ESA eligibility as required at Part 3.4 and Appendix 2, Part C, Step 4, of the General Permit. In addition, respond to the following questions.

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes___ No X
b) Has any consultation with the federal services been completed? Yes___ No X
c) Is consultation underway? Yes X No___
d) What were the results of the consultation with the U.S. Fish and Wildlife Service and/or NOAA Fisheries Service (check one):
a "no jeopardy" opinion _____or written concurrence____ on a finding that the discharges are not likely to adversely affect any endangered species or n/a
e) Which of the five eligibility criteria listed in Appendix 2, Section B(A),B,C,D or E) have you met? A
f) Attach a copy of the most current federal listing of endangered and threatened species from the USF&W web site listed in Appendices 2, 2.1 and 4 ✓

7. Documentation of National Historic Preservation Act requirements: Please respond to the following questions:

a) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility site or in proximity to the discharge? Yes _____ No X
b) Have any State or Tribal historic preservation officers been consulted in this determination? Yes X or No _____ If yes, attach the results of the consultation(s).
c) Which of the three National Historic Preservation Act requirements listed in Appendix 3, Section C (1,2 o3) have you met? #1

8. Supplemental Information: Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit

9. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22 (see below) including the following certification:

I certify under penalty of law that (1) no biocides or other chemical additives except for those used for pH adjustment and/or dechlorination are used in the noncontact cooling water (NCCW) system; (2) the discharge consists solely of NCCW (to reduce temperature) and authorized pH adjustment and/or dechlorination chemicals; (3) the discharge does not come in contact with any raw materials, intermediate product, water product (other than heat) or finished product; (4) if the discharge of noncontact cooling water subsequently mixes with other wastewater (i.e.stormwater) prior to discharging to the receiving water, any monitoring provided under this permit will be only for noncontact cooling water; (5) where applicable, the facility has complied with the requirements of this permit specific to the Endangered Species Act and National Historic Preservation Act; and (6) this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility Name: PARKVIEW CONDOMINIUMS

Operator signature: Peter J Sim

Title: CHAIRMAN, BOARD OF TRUSTEES, PARKVIEW CONDOMINIUM TRUST

Date: 10-1-2008

Federal regulations require this application to be signed as follows:
1. For a corporation, by a principal executive officer of at least the level of vice president;
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively, or,
3. For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.

SOURCE:
Winchester, MASSACHUSETTS, USGS QUAD.

N

Engineering & Consulting Resources, Inc.

TITLE: SITE LOCUS

FIGURE #: 1

SITE: PARKVIEW CONDOMINIUMS
200 SWANTON STREET
WINCHESTER, MA

DATE: 9/29/08

SCALE: AS SHOWN

Engineering & Consulting Resources, Inc.
www.ecr-consulting.com

ECR, Inc.
PO Box 966
Acton, MA 01720-0966
(978) 500-3199
info@ecr-consulting.com

Engineering Calculation
Parkview Condominiums
NCCW General Permit Application

Assume groundwater temperature of 52 F (www.noritz.com)

Highest average temp. of effluent (2006-2008): 77.3 F

Therefore max. $\Delta T_p = 77.3F - 52F \cong 25\ F$

m_p = mass or volume of effluent water
= 0.3 MGD (max. monthly avg. flow 2006-2008)

m_r = 0.24 MGD, which is the 7Q10 value from MassDEP. Please note that, based on ECR's site observations, this value appears to be substantially under-estimated.

$$\Delta T_r = \frac{m_p}{(m_r + m_p)} \Delta T_p = \frac{0.3}{0.3 + 0.24} (25\ F) = \boxed{14\ F}$$

Note that ΔT_r equation in Attachment A of NCCW General Permit must be modified because the effluent flow will comprise a significant portion of the river flow under the purported 7Q10 conditions.

TITLE

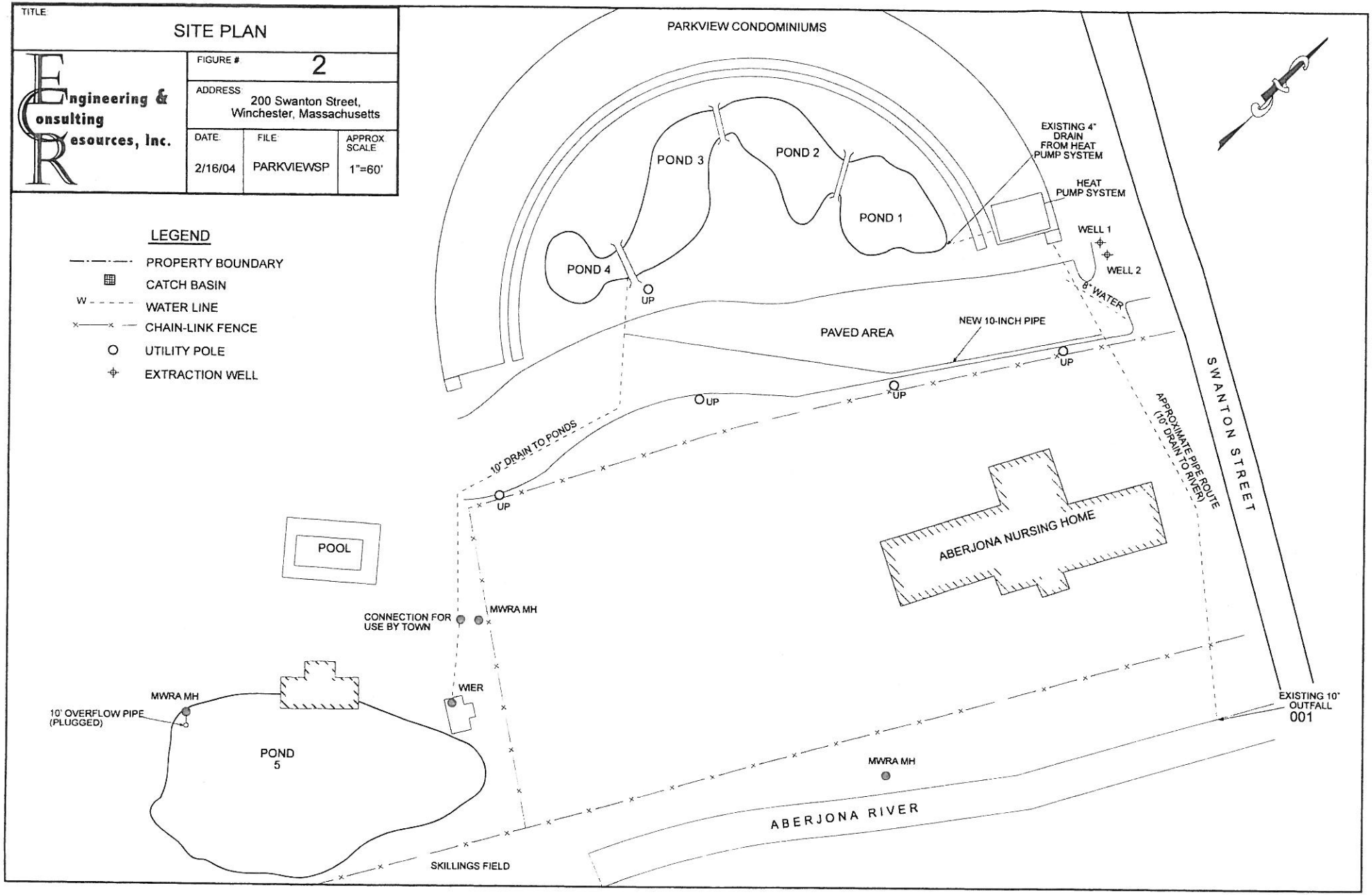
SITE PLAN

Engineering & Consulting Resources, Inc.

FIGURE # 2

ADDRESS 200 Swanton Street, Winchester, Massachusetts

DATE	FILE	APPROX SCALE
2/16/04	PARKVIEWSP	1"=60'



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ANALYTICAL LABORATORY

39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 9/19/2008

ENGINEERING & CONSULTING RESOURCES
PO BOX 966
ACTON, MA 01720-0966
ATTN: R. DOHERTY

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-19528
JOB NUMBER: 1021

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report. Results are based on samples as submitted to the laboratory and relate only to the items collected and tested.

PROJECT LOCATION: PARKVIEW

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	ag (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	as (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	cd (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	chloride manual	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	chromium (+6)	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	cr (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	cu (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	fe (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	hg (mg/l) wet	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	ni (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	sb (mg/l) icp	
PARKVIEW 001	08B36621	GRND WATER	Parkview 001	zn (mg/l) icp	
UPSTREAM	08B36622	WATER OTHE	Upstream	hardness by calc	

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

SIGNATURE 9/19/08 DATE

Tod Kopyscinski
Air Laboratory Manager

Douglas Sheeley
Laboratory Manager

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL 413/525-2332

R. DOHERTY
ENGINEERING & CONSULTING RESOURCES
PO BOX 966
ACTON, MA 01720-0966

9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Silver	mg/l	ND	09/19/08	OP	0.010			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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R. DOHERTY
ENGINEERING & CONSULTING RESOURCES
PO BOX 966
ACTON, MA 01720-0966

9/19/2008

Purchase Order No :

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001
Sample ID : 08B36621
‡Sampled : 9/9/2008
Parkview 001
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-19528
Job Number: 1021

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Arsenic	mg/l	ND	09/19/08	OP	0.010			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample
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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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R. DOHERTY
ENGINEERING & CONSULTING RESOURCES
PO BOX 966
ACTON, MA 01720-0966

9/19/2008

Purchase Order No :

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cadmium	mg/l	0.0016	09/19/08	OP	0.0010			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

R. DOHERTY
ENGINEERING & CONSULTING RESOURCES
PO BOX 966
ACTON, MA 01720-0966

9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001
Sample ID : 08B36621
‡Sampled : 9/9/2008
Parkview 001
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-19528
Job Number: 1021

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chloride	mg/l	162	09/18/08	VAK	5.00			

Analytical Method:
SM 4500 CL B
TITRATION WITH STANDARD SILVER NITRATE

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001
Sample ID : *08B36621
‡Sampled : 9/9/2008
Parkview 001
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-19528
Job Number: 1021

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chromium (+6)	mg/l	ND	09/10/08	SBP	0.004			

Analytical Method:
SM 3500-Cr D
COLORIMETRIC DETERMINATION WITH ACIDIC S-DIPHENYLCARBAZIDE

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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chromium	mg/l	ND	09/19/08	OP	0.007			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Copper	mg/l	0.0266	09/19/08	OP	0.0050			

Analytical Method:
EPA 200.7/SW846 6010
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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Iron	mg/l	9.29	09/19/08	OP	0.05			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : UPSTREAM

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36622

‡Sampled : 9/9/2008
Upstream

Sample Matrix: WATER OTHER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Hardness, Total (as CaCO3)	mg/l as CaCO3	86.3	09/15/08	WHW	3.00			

Analytical Method:
SM 2340 B

EQUIVALENT CALCIUM CARBONATE HARDNESS IS CALCULATED FROM SEPARATE DETERMINATIONS OF TOTAL CALCIUM AND TOTAL MAGNESIUM.

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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/l	ND	09/15/08	KM	0.00010			

Analytical Method:
EPA 245.1/SW846 7470
COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001
Sample ID : 08B36621
‡Sampled : 9/9/2008
Parkview 001
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-19528
Job Number: 1021

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Nickel	mg/l	ND	09/19/08	OP	0.005			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/l	ND	09/19/08	OP	0.05			

Analytical Method:
EPA 200.7/SW846 6010
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9/19/2008

Purchase Order No.:

Project Location: PARKVIEW
Date Received: 9/9/2008
Field Sample # : PARKVIEW 001

LIMS-BAT #: LIMT-19528
Job Number: 1021

Sample ID : 08B36621

‡Sampled : 9/9/2008
Parkview 001

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Zinc	mg/l	0.026	09/19/08	OP	0.010			

Analytical Method.
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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9/19/2008

Purchase Order No :

Project Location: PARKVIEW
Date Received: 9/9/2008

LIMS-BAT #: LIMT-19528
Job Number: 1021

The following notes were attached to the reported analysis :

Sample ID: * 08B36621
Analysis: Chromium (+6)

Analyzed 11:00 am

** END OF REPORT **

RL = Reporting Limit

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* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 9/19/2008 Lims Bat # : LIMT-19528

QC Batch Number: HG-9399

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-123418					
	Mercury	Blank	<0.00010	mg/l	
LFBLANK-85140					
	Mercury	Lab Fort Blank Amt.	0.00200	mg/l	
		Lab Fort Blk. Found	0.00205	mg/l	
		Lab Fort Blk. % Rec.	102.60000	%	85-115

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 9/19/2008 Lims Bat # : LIMT-19528

QC Batch Number: ICP-20105

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-123556					
	Hardness, Total (as CaCO3)	Blank	<3.00	mg/l as CaCO3	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 9/19/2008 Lims Bat # : LIMT-19528

QC Batch Number: ICP-20119

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-123676					
	Silver	Blank	<0.010	mg/l	
	Arsenic	Blank	<0.010	mg/l	
	Cadmium	Blank	0.0062	mg/l	
	Chromium	Blank	<0.007	mg/l	
	Copper	Blank	<0.0050	mg/l	
	Iron	Blank	<0.05	mg/l	
	Nickel	Blank	<0.005	mg/l	
	Antimony	Blank	<0.05	mg/l	
	Zinc	Blank	<0.010	mg/l	
LFBLANK-85425					
	Silver	Lab Fort Blank Amt.	0.500	mg/l	
		Lab Fort Blk. Found	0.427	mg/l	
		Lab Fort Blk. % Rec.	85.580	%	
	Arsenic	Lab Fort Blank Amt.	0.500	mg/l	
		Lab Fort Blk. Found	0.564	mg/l	
		Lab Fort Blk. % Rec.	112.940	%	85-115
	Cadmium	Lab Fort Blank Amt.	0.5000	mg/l	
		Lab Fort Blk. Found	0.5508	mg/l	
		Lab Fort Blk. % Rec.	110.1600	%	85-115
	Chromium	Lab Fort Blank Amt.	0.500	mg/l	
		Lab Fort Blk. Found	0.530	mg/l	
		Lab Fort Blk. % Rec.	106.180	%	85-115
	Copper	Lab Fort Blank Amt.	0.5000	mg/l	
		Lab Fort Blk. Found	0.5294	mg/l	
		Lab Fort Blk. % Rec.	105.8800	%	85-115
	Iron	Lab Fort Blank Amt.	0.50	mg/l	
		Lab Fort Blk. Found	0.55	mg/l	
		Lab Fort Blk. % Rec.	110.08	%	85-115
	Nickel	Lab Fort Blank Amt.	0.500	mg/l	
		Lab Fort Blk. Found	0.534	mg/l	
		Lab Fort Blk. % Rec.	106.860	%	85-115
	Antimony	Lab Fort Blank Amt.	0.50	mg/l	
		Lab Fort Blk. Found	0.52	mg/l	
		Lab Fort Blk. % Rec.	104.92	%	85-115
	Zinc	Lab Fort Blank Amt.	0.500	mg/l	
		Lab Fort Blk. Found	0.540	mg/l	
		Lab Fort Blk. % Rec.	108.020	%	85-115

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 9/19/2008 Lims Bat # : LIMT-19528

QC Batch Number: TITRATION-3746

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-85377					
	Chloride	Lab Fort Blank Amt.	194.0000	mg/l	
		Lab Fort Blk. Found	173.6000	mg/l	
		Lab Fort Blk. % Rec.	89.4845	%	
STDADD-34765					
	Chloride	Standard Measured	9.6400	mg/l	
		Standard Amt Added	10.0000	mg/l	
		Standard % Recovery	96.4000	%	87.7-112

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QC Batch Number: WETCHEM-13907

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-85095					
	Chromium (+6)	Lab Fort Blank Amt.	0.100	mg/l	
		Lab Fort Blk. Found	0.111	mg/l	
		Lab Fort Blk. % Rec.	111.400	%	
STDADD-34744					
	Chromium (+6)	Standard Measured	0.099	mg/l	
		Standard Amt Added	0.100	mg/l	
		Standard % Recovery	99.700	%	80-120

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

CHAIN OF CUSTODY RECORD

CMT-1958

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Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: ECR
Address: PO Box 966
Acton MA 01720
Attention: R. Doherty
Project Location: Parkview
Sampled By: R. Doherty

Telephone: (978) 500-3199
Project # 1021
Client PO #

DATA DELIVERY (check one):
☐FAX ☒EMAIL ☐WEBSITE CLIENT
Fax # :
Email: rdoherty@ecr-consulting.com
Format: ☐ EXCEL ☒ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required?
☐ yes ☐ no

Field ID	Sample Description	Lab # CTB	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	# of containers	**Preservation	~Cont.Code	Ni, Ag, Zn, 3b, As, Cd, Cr, Cu, Fe, Hg,	Chloride	Hexavalent Cr	Total Hardness
									1	N	P				
									1		P				
									1		P				
									1		P				
	Parkview #01	36621	9/9/08 11:31			X	GW					X	X	X	
	Upstream	36622	9/9 11:24			X	O								X

ANALYSIS REQUESTED

~Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

Client Comments:
Cr (VI) samples 24-hr hold time

Laboratory Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) RE Doherty	Date/Time:	
Received by: (signature) Tom MacIntosh	Date/Time: 9/9/08 1505	
Relinquished by: (signature)	Date/Time: 9/9/08 1715	
Received by: (signature) 5C	Date/Time: 9/9/08 1715	

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? _____
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other Surface Water

**Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other _____
X = Na hydroxide
T = Na thiosulfate

VAL

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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39 Spruce St.
East Longmeadow, MA.
01028
P: 413-525-2332
F: 413-525-6405

Sample Receipt Checklist

CLIENT NAME: ECR RECEIVED BY: KRC DATE: 9/9/08

) Was the chain(s) of custody relinquished and signed? (Yes) No

) Does the chain agree with the samples? (Yes) No

If not, explain:

) Are all the samples in good condition? (Yes) No

If not, explain:

) How were the samples received:

n Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

/ere the samples received in Temperature Compliance of (2-6°C)? (Yes) No

emperature °C by Temp blank 5°C Temperature °C by Temp gun _____

Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

Are there any samples "On Hold"? Yes (No) Stored where: _____

Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified WC Date _____ Time _____

Location where samples are stored: 18/19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved

Client Signature: _____

Containers sent in to Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz clear jar	
500 mL Amber		4 oz clear jar	
250 mL Amber (8oz amber)		2 oz clear jar	
1 Liter Plastic	3	Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic	1	Air Cassette	
0 mL Vial - type listed below		Brass Sleeves	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Summa Cans	
Flashpoint bottle		Regulators	
Encore		Other	

ratory Comments: pH<2

L vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____ Time and Date Frozen: _____

Thiosulfate _____ Unpreserved _____

l samples have the proper pH: (Yes) No N/A

Engineering & Consulting Resources, Inc.
www.ecr-consulting.com

ECR, Inc.
PO Box 368
Westford, MA 01886
(978) 500-3199
info@ecr-consulting.com

August 28, 2008

U.S Fish & Wildlife Service
70 Commercial Street, Suite 300
Concord, NH 03301-5087

Re: Endangered or Threatened Species and/or Critical Habitat
Parkview Condominium Association
200 Swanton Street
Winchester, Massachusetts

To Whom It May Concern:

On behalf of the Parkview Condominium Association (Parkview), Engineering and Consulting Resources, Inc. (ECR) prepared this request for information from the U.S. Fish and Wildlife Service. Parkview Condominiums, located at the above-referenced location, is applying for continued coverage of the National Pollutant Discharge Elimination System (NPDES) Non-Contact Cooling Water (NCCW) General Permit. To determine permit eligibility, we are required to list any endangered or threatened species and/or critical habitat that may be present in areas of discharge. Parkview has been covered under the NPDES Non-Contact Cooling Water General Permit since November 28, 2000. The discharge is to the Aberjona River, a Class B water body.

The facility location is shown on the attached Site Locus Map. Parkview uses groundwater in their heat pump system to provide heating and cooling of their approximately 318 residential units (see Figure 2). Please provide written verification of any species of concern and/or critical habitat located in this vicinity so that we may apply for continued coverage under the NCCW General Permit through the Commonwealth of Massachusetts.

Thank you,
Sincerely,

Lisa M. Raye
Administrative Assistant

Attachments: Site Locus Map
Site Plan

APPENDIX 3
NATIONAL HISTORIC PRESERVATION ACT REVIEW & REQUIREMENTS

A. Background

Facilities seeking coverage under the NCCW General Permit must not adversely affect properties listed or eligible for listing in the National Registry of Historic Places under the National Historic Preservation Act of 1966, 16 USC Sections 470 et seq. In addition, facilities must comply with applicable State, Tribal and local laws concerning the protection of historic properties and places and facilities seeking coverage are required to coordinate with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer and others regarding effects of their discharges on historic properties.

B. Determination of Potential Impact

Facilities seeking coverage under this permit must determine whether their site's discharges have the potential to affect a property that is either listed or eligible for listing on the National Register of Historic Places.

For existing facilities with no new or increased discharges, a simple visual inspection may be sufficient to determine whether historic properties are affected. However, any facility proposing a new or increased discharge should conduct further inquiry to determine whether historic properties may be affected by the discharge. In such instances, facilities seeking coverage should first determine whether there are any historic properties or places listed on the National Register or if any are eligible for listing on the register (e.g., they are "eligible for listing").

EPA suggests that facilities seeking coverage first access the "National Register of Historic Places" information listed on the National Park Service's web page http://www.nps.gov. The addresses for State Historic Preservation Officers are listed in Section II of this appendix. Facilities seeking coverage may also contact city, county or other local historical societies for assistance, especially when determining if a place or property is eligible for listing on the register.

C. Permit Eligibility Criteria

The following three scenarios describe how facilities seeking coverage can meet the permit eligibility criteria for protection of historic properties under this permit:

(1) If historic properties are not identified in the path of a site's discharges, then the applicant is eligible for coverage under this permit.

(2) If historic properties are identified but it is determined that they will not be affected by the discharges, the applicant has met the NHPA eligibility criteria for coverage under this permit.

(3) If historic properties are identified in the path of discharges and it is determined that there is the potential to adversely affect the property, the applicant can still meet the NHPA eligibility criteria under of this permit, if he/she obtains and complies with a written agreement with the appropriate State or Tribal Historic Preservation Officer which outlines measures the applicant will follow to mitigate or prevent those adverse effects. The written agreement must be kept on site and available for review, if requested.

In situations where an agreement cannot be reached between an applicant and the State Historic Preservation Officer, facilities seeking coverage should contact the Advisory Council on Historic Preservation listed in Section G below for assistance.

The term "adverse effects" includes but is not limited to damage, deterioration, alteration or destruction of the historic property or place. EPA encourages facilities seeking coverage to contact the appropriate State or Tribal Historic Preservation Officer as soon as possible in the event of a potential adverse effect to a historic property.

Facilities seeking coverage are reminded that they must comply with applicable State, Tribal and local laws concerning the protection of historic properties and places.

D. Internet Information on the National Register of Historic Places

The National Register of Historic Places is the Nation's official list of cultural resources worthy of preservation. Authorized under the National Historic Preservation Act of 1966, the National Register is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect our historic and archeological resources. Properties listed in the Register include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archeology, engineering, and culture. The National Register is administered by the National Park Service, which is part of the U.S. Department of the Interior.

An electronic listing of the "National Register of Historic Places", as maintained by the National Park Service, can be accessed on the Internet at: http://www.nps.gov.

E. State Historic Preservation Officers (SHPO)

Massachusetts Historical Commission
220 Morrissey Boulevard
Boston, MA 02125
617/727-8470
TTD: 1-800-392-6090

State Historic Preservation Officer
New Hampshire Division of Historic Resources
P.O. Box 2043
Concord, NH 03302-2043
603/271-6435
TDD: 1-800-735-2964

F. Tribal Historic Preservation Officers

Massachusetts

Wampanoag Tribe of Gay Head (Aquinnah)
Bettina Washington, Tribal Historic Preservation Officer
20 Black Brook Road
Aquinnah, MA 02535-1546
T: 508-645-9265
F: 508-645-3233
http://www.wampanoagtribe.net

Mashpee Wampanoag Tribal Council
Chuckie Green, Tribal Historic Preservation Officer
483 Great Neck Road, South
P.O. Box 1048
Mashpee, MA 02649
T: 508-61660 x104
F: 508-477-1218
www.mashpeewampanoagtribe.com

G. Advisory Council on Historic Preservation

The Advisory Council on Historic Preservation (ACHP) is an independent federal agency that promotes the preservation, enhancement, and productive use of our Nation's historic resources, and advises the President and Congress on national historic preservation policy.

The goal of the National Historic Preservation Act (NHPA), which established ACHP in 1966, is to have federal agencies act as responsible stewards of our Nation's resources when their actions affect historic properties. ACHP is the only entity with the legal responsibility to encourage federal agencies to factor historic preservation into federal project requirements.

As directed by NHPA, ACHP serves as the primary federal policy advisor to the President and Congress; recommends administrative and legislative improvements for protecting our Nation's heritage; advocates full consideration of historic values in federal decision making; and reviews federal programs and policies to promote effectiveness, coordination, and consistency with national preservation policies.

Main Office

Advisory Council on Historic Preservation
Old Post Office Building
1100 Pennsylvania Avenue, NW, Suite 809
Washington, DC 20004
Phone: (202) 606-8503
Fax: (202) 606-8647/8672
E-mail: achp@achp.gov

JP

Engineering & Consulting Resources, Inc.
www.ecr-consulting.com

ECR, Inc.
PO Box 966
Acton, MA 01720
(978) 500-3199
info@ecr-consulting.com

August 28, 2008

RECEIVED
SEP 02 2008
MASS. HIST. COMM
RC. 45062

Mr. William Francis Galvin
Secretary of the Commonwealth
Chairman, Massachusetts Historical Commission
Massachusetts Archives Building, 220 Morrissey Boulevard
Boston, MA 02125

Re: National Registry of Historic Places
Parkview Condominium Association
200 Swanton Street
Winchester, Massachusetts

Dear Mr. Galvin:

On behalf of the Parkview Condominium Association (Parkview), Engineering and Consulting Resources, Inc. (ECR) prepared this request for information from the National Registry of Historic Places. Parkview Condominiums, located at 200 Swanton Street, Winchester, is applying for continued coverage of the National Pollutant Discharge Elimination System (NPDES) Non-Contact Cooling Water (NCCW) General Permit. To determine permit eligibility, we are required to list any property that is listed or eligible for listing on the National Register of Historic Places that could potentially be adversely affected by the discharge. The discharge is to the Aberjona River, a Class B water body.

The facility location is shown on the attached Site Locus Map. Parkview has been covered under the NPDES NCCW General Permit since November 28, 2000. Parkview uses groundwater in their heat pump system to provide heating and cooling of their approximately 318 residential units (see Figure 2).

According to the Massachusetts Cultural Resource Information System (MACRIS), there were several historical properties listed on Swanton Street, as of August 28, 2008. Please provide updated written verification of any property listed or eligible to be listed on the National Register of Historic Places located in this vicinity so that we may apply for continued coverage under the NCCW General Permit through the Commonwealth of Massachusetts.

Sincerely,

Lisa M. Raye
Administrative Assistant

Attachments: Site Locus Map
Site Plan

After review of MHC files and the materials you submitted, it has been determined that this project is unlikely to affect significant historic or archaeological resources.
RC. 45062

9/19/08
Jonathan K. Patton Date
Archaeologist / Preservation Planner
Massachusetts Historical Commission
cc: Jeannie Blochi, EPA