

EMERGENCY DEBRIS WASTEPILE PERMIT APPLICATION

CHRIS GREENE LAKE PARK

For comments, questions, or further information please contact the Department of General Services (Attention: Michael Freitas, Chief of Public Works), 401 McIntire Road, Room 224, Charlottesville, VA 22902, by calling 434-296-5816, or via e-mail to mfreitas@albemarle.org.

EMERGENCY DEBRIS WASTEPILE PERMITTING CRITERIA

This is an application for an emergency permit to dispose of waste generated as the result of natural or man-made disasters. The emergency permit request may be oral or written. If oral, it shall be followed within five days by a written emergency permit application. Oral responses can only be given if the applicant is fully aware of the siting requirements outlined in this application, otherwise a written request must be provided using this application. Mail or fax the written request to the Department.

*Emergency Permits are valid for 90 days from the time they are issued.
All associated waste activities must be inclusive in the 90-day period.*

INSTRUCTIONS:

Read all sections carefully. Fill in all of the information on DEQ Form EDWP-01 and all applicable information on DEQ Form EDWP-02. Public notice information required by the applicant is found on EDWP-03 and a certification signature is required on EDWP-04. Note that a site map, flood map, US Fish and Wildlife Service National Wetlands Inventory Map and a list of wastes to be received, and the manner and location of their treatment, storage and disposal must accompany this application. The site may either be selected prior to the emergency or immediately after the emergency. The Department encourages pre-selection. Follow the applicable guidelines below.

Pre-Selected Sites:

If the site is pre-selected, public participation must be held in accordance with the Virginia Solid Waste Management Regulations (VSWMR) **regulations 9 VAC 20-80-485.A.5 and 9 VAC 20-80-485.B.4**. The Department will not consider approval of a pre-selected site without public participation. Pre-selected sites, if approved, will be granted an emergency permit upon request at the time of the emergency. The applicant needs only to contact the Department, either orally or in writing, and provide a notice that a pre-selected site will be used for the present emergency. The notice shall include, as a minimum, the applicants name and contact information, the nature of the emergency, and the location of the site and owners name. Oral requests shall be followed with a written request within five days. DEQ Form EDWP-01 and DEQ Form EDWP-02 must be on file with the Department prior to the emergency for all pre-selected sites. The public notice form is found on form EDWP-03.

Post Emergency Sites

In the case of selecting a site immediately after an emergency, the Department may grant a temporary emergency permit through oral or written requests. The applicant may verbally relate the information requested on DEQ Form EDWP-01 and DEQ Form EDWP-02 but must provide written copies within five days or as soon as the infrastructure support will allow. In addition, a public notice as per **9 VAC 20-80-485.B.4** shall be published, by the applicant, within five days of the request, or as soon as practicable, in order for the emergency permit to become effective. A copy of the advertisement shall be faxed to the Department once it is published. Disposal of waste may commence upon verbal approval but all waste activities must cease after 90 days.

EMERGENCY DEBRIS WASTEPILE PERMIT INFORMATION

DEQ Contact Information

Department of Environmental Quality P.O. Box 3000 Harrisonburg, VA 22801 Attention: Solid Waste Permitting	Phone: (540) 574-7865 FAX: (540) 574-7878 Please call prior to faxing to inform staff
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If information is not known, use NA. Please type or print information.

SIGNATURE REQUIRED UNDER CERTIFICATION ON FORM DEQ EDWP-04 WHEN COMPLETED.

Expected or current emergency	Future emergency needs
Authority or Agency	County of Albemarle, Department of General Services
Primary Contact's Name	Michael Freitas
Address	401 McIntire Road
City, State, Zip	Charlottesville, VA 22902
Phone Number / Fax Number	434-296-5812 / 434-293-0294
Secondary Contact's Name	Daniel J. Fowley, III
Address	401 McIntire Road
City, State, Zip	Charlottesville, VA 22902
Phone Number / Fax Number	434-296-5816 / 434-293-0294
Site Location (latitude/longitude or directions from major roads)	North of Charlottesville: US 29 north to Airport Road (State Route 649), west on Airport Road to Dickerson Road (State Route 606), north on Dickerson Road to Chris Greene Lake Road (State Route 850), north on Chris Greene Lake Road to park entrance.
Site Name	Chris Greene Lake Park
City, State, Zip	Charlottesville, VA 22902
Owner of Site	County of Albemarle
Owner's Address	401 McIntire Road
City, State, Zip	Charlottesville, VA 22902
Phone Number / Fax Number	434-296-5816 / 434-293-0294
Approximate size (acres)	< 1 acre

List expected types of waste

See Attachment D for typical waste types.

Additional sheets may be used

Debris Waste (Vegetative Material Only): Yard Waste and Woody Products such as trees limbs, stumps, logs, and leaves.

Typical treatment, storage and disposal options

Additional sheets may be used

Items will be piled and stored until program is over. Material will be tub ground and stock piled for public to reclaim as free mulch, will be used within the Park's landscape plan, or will be disposed of in accordance with federal, state, and local regulations.

EMERGENCY DEBRIS WASTEPILE SITING CRITERIA

Put a T or X in the Yes / No Columns as necessary. Additional information is provided as attachments A-F. Please read each criterion carefully. **Sign the certification on DEQ FORM EDWP-04.**

	Siting Criteria	Yes	No
1	Site Location Map Attached	X	
2	Not prone to base floods [100 year flood plain, coastal flooding] or inundation.	X	
	<i>Copy of FEMA Map or Equivalent is attached</i>		X ¹
3	Site is geologically stable. (see Attachment A)	X	
4	Site has adequate berm area and terrain to manage leachate release.		X
5	Not closer than:	<input type="checkbox"/>	<input type="checkbox"/>
	100 feet from any regularly flowing surface water body or river.	X	
	200 feet from any well, spring, or other groundwater source of drinking water	X	
6	WETLANDS SHALL NOT BE IMPACTED. (see Attachment B)	<input type="checkbox"/>	<input type="checkbox"/>
	<i>US Fish and Wildlife Service National Wetlands Inventory Map is attached.</i>		X ¹
7	Site characteristics	<input type="checkbox"/>	<input type="checkbox"/>
	Slopes less than 33%	X	
	No springs seeps or other groundwater intrusions	X	
	No gas, water, sewage, or electrical or other transmission lines under the site	X	
	No existing open dump, unpermitted landfill, lagoon, or similar facility on site.	X	
	Specific site conditions which may be considered for exemption (applies only to site characteristics) SPECIFY:	<input type="checkbox"/>	<input type="checkbox"/>
8	No strip mines, exposed bedrock or quarries present. (See Attachment C)	X	
	If No, does the site have a liner as per Attachment C?		
9	Fifty-foot firebreak around disposal areas and from all treelines		X
10	Does not impact cemeteries (public, private, pet) or culturally sensitive areas.	X	
11	Has ample access for delivery vehicles.	X	
12	Is anticipated waste acceptable for disposal? (See Attachment D) (90 day permit, all activities inclusive)	X	
13	Can the waste be segregated for disposal? (See Attachment D)	X	
14	Public notice form with required information attached. (See Attachment F. Form should be faxed with other required forms. May be verbal over phone, if necessary.)	X	
15	For pre-selected sites, was a public meeting held? (If not pre-selected site, go to 15)	X	
	Public Meeting Location: Date: <u> 08 / 27 / 2009 </u> (mm/dd/yyyy)	<input type="checkbox"/>	<input type="checkbox"/>
16	Can the site be closed in accordance with Department standards? (See Attachment E)	X	

¹ This information is added as an overlay on the “Site Location Map”

Public Notice for Emergency Permits

Type of media (e.g. newspaper or radio)	Newspaper
Name of media (e.g. newspaper)	Daily Progress
Contact Name	Dana Hubbard
Phone Number	434-978-7221
Fax Number	434-978-7204
Publication cycle	Daily

NEWSPAPER ADVERTISEMENT

COMMONWEALTH OF VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL QUALITY
 OFFICE OF WASTE PERMITTING
 PUBLIC NOTICE FOR A
 TEMPORARY EMERGENCY PERMIT
 TO TREAT AND STORE SOLID WASTE
 DUE TO _____,
 (emergency)
 FOR _____, VA
 (city, town, county)

Due to the recent emergency from _____, and pursuant to the requirements of 9 VAC 20-80-485 .B.4 of the Virginia Solid Waste Management Regulations (VSWMR), Permitting of Solid Waste Management Facilities, The Virginia Department of Environmental Quality (*Regional Office Address & ZIP*), hereby authorizes _____ to operate a temporary emergency debris site located at _____ . The site will receive the following solid wastes: _____ . Typical treatment, storage, and disposal options will include: _____ .

The site meets the minimum siting requirements deemed necessary for environmental protection and public safety. Groundwater monitoring is not required but leachate management and run-off control are required. The permit will expire 90 days from the date of verbal or written authorization given on _____. Closure shall include the removal of wastes, waste constituents, and all temporary features used in support of the waste activities associated with deposit, environmental protection, maintenance, and operation. Final closure should return the site to as near as natural condition as possible prior to the disposal of waste. If there are any questions or concerns regarding the issuance of the temporary emergency permit, please contact the Department at (XXX) XXX-XXXX or at the above address.

ALL APPLICATIONS MUST BE SIGNED.

CERTIFICATION:

I hereby affirm that the information provided on this application is accurate and complete to the best of my knowledge. I fully understand the requirements of the siting criteria and that an emergency permit is valid for 90 days from the time of issuance. All activities must be inclusive in the 90-day period. Failure to provide accurate and complete information or follow the requirements and conditions of this application may result in permit denial or revocation. I have enclosed a copy of the advertisement that was published in the local newspaper.

Signed _____

Date _____
(Type or Print dd/mm/yyyy)

Title or Authority by Chief of Public Works
(Type or Print)

The following items must be returned to the Department:

- _____ Contact Information (EDWP-01)
- _____ Siting Checklist (EDWP-02)
- _____ Copy of Advertised Public Notice
- _____ Certification (EDWP-04)

ATTACHMENT A: GEOLOGY

Emergency debris (ED) wastepiles shall not be sited in geologically unstable areas where inadequate foundation support for the structural components of the wastepile exists. Factors to be considered when determining unstable areas shall include:

- a. Soil conditions that may result in differential settling and subsequent failure of containment berms;

EXAMPLES

highly compressible clays,	liquefiable soil	expansive soils	peat
collapsible soils	frost-susceptible soil	soils susceptible to hydrocompaction	
other conditions not explicitly listed			

- b. Geologic or geomorphologic features that may result in sudden or non-sudden events and subsequent failure of containment berms;

EXAMPLES

Landslide prone areas	Abandoned river channels	highly erosion-prone areas	over sole source aquifer
other conditions not explicitly listed		highly karstic areas	groundwater seeps
structural discontinuities such as extreme folding, faulting, fracturing and jointing			

- c. Man-made features or events (both surface and subsurface) that may result in sudden or non-sudden events and subsequent failure of containment berms;

EXAMPLES

Emergency routes	unpermitted landfills	sludge lagoons	unsuitable fill
adjacent to highly explosive products such as chemical, petroleum or fertilizer storage bins			
downstream of weakened or damaged dams or other water retention structures			
over underground excavations such as storage tanks, sewer and traffic tunnels, mine shafts			
other conditions not explicitly listed			

- d. Presence of sink holes within the disposal area.

ATTACHMENT B: WETLANDS

Wetlands shall be avoided at all times. Existing wetland delineation maps prepared the US Fish and Wildlife Service shall be used to determine prohibited areas. *Attach an applicable Wetlands Inventory Map with this application.* Wetlands that are encountered on the site yet are not covered by the map shall not be used unless the U.S. Army Corps of Engineers provides an approval letter and it is attached to this application.

ATTACHMENT C : STRIP MINES, EXPOSED BEDROCK AND QUARRIES

In strip mine pits, all coal seams and coal outcrops shall be isolated from solid waste materials by a minimum of five feet of natural or compacted soils with a hydraulic conductivity less 1×10^{-7} cm/sec. Exposed bedrock and quarry faces shall also be lined with five feet of natural or compacted soil with a hydraulic conductivity # 1×10^{-7} cm/sec.

ATTACHMENT D: WASTE

Acceptable Waste

Demolition waste, construction waste, debris waste, land clearing debris, discarded tires, and white goods, free of chloroflourocarbons and PCBs. No other wastes are authorized for the ED wastepile. Liquid waste, sludge waste, radioactive waste, friable asbestos, medical waste and other similar waste shall be prohibited.

Hazardous waste shall be prohibited from the emergency wastepile except when a separate, distinct area can be lined with concrete, collection berms and ditches are erected, and containment booms, in conjunction with other containment strategies, are used.

Segregation

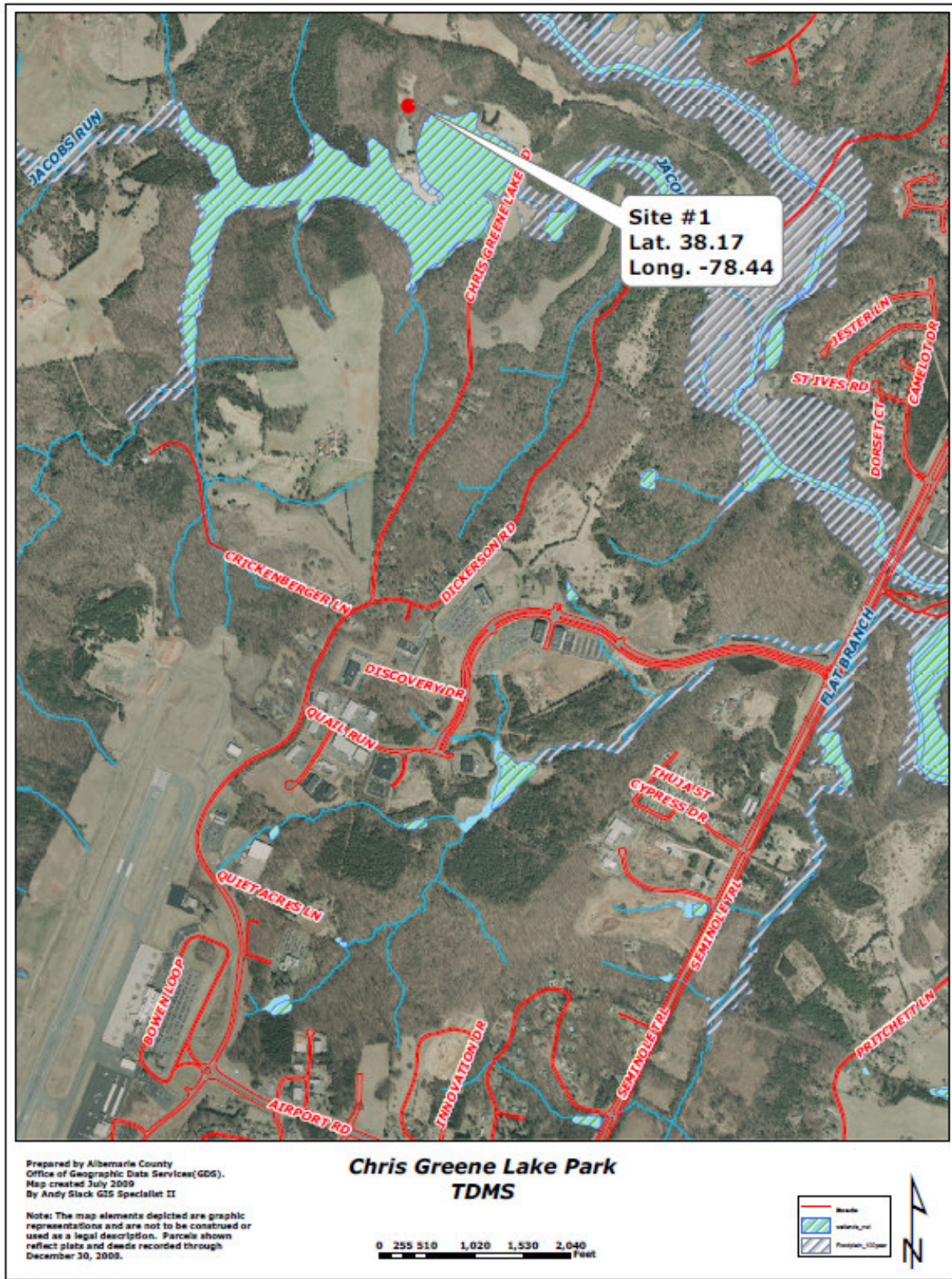
1. The limits of the wastepile shall be large enough to allow segregation of waste with 50-foot firebreak between each segregated area and any adjacent wastepiles or treelines.
2. Each segregated area shall be large enough to accommodate expected volume of waste type.
3. The following wastes require separate disposal areas within the limits of the emergency wastepile.
 - A. Yard Waste and Woody Products such as trees, stumps, untreated wood and timber, paper products, and untreated wooden household furnishings.
 - B. Treated and Painted Wood Products
 - C. White Goods
 - D. Tires
 - E. Concrete, Asphalt and Building Material (friable asbestos is prohibited)
 - F. Hazardous Waste (if allowed)

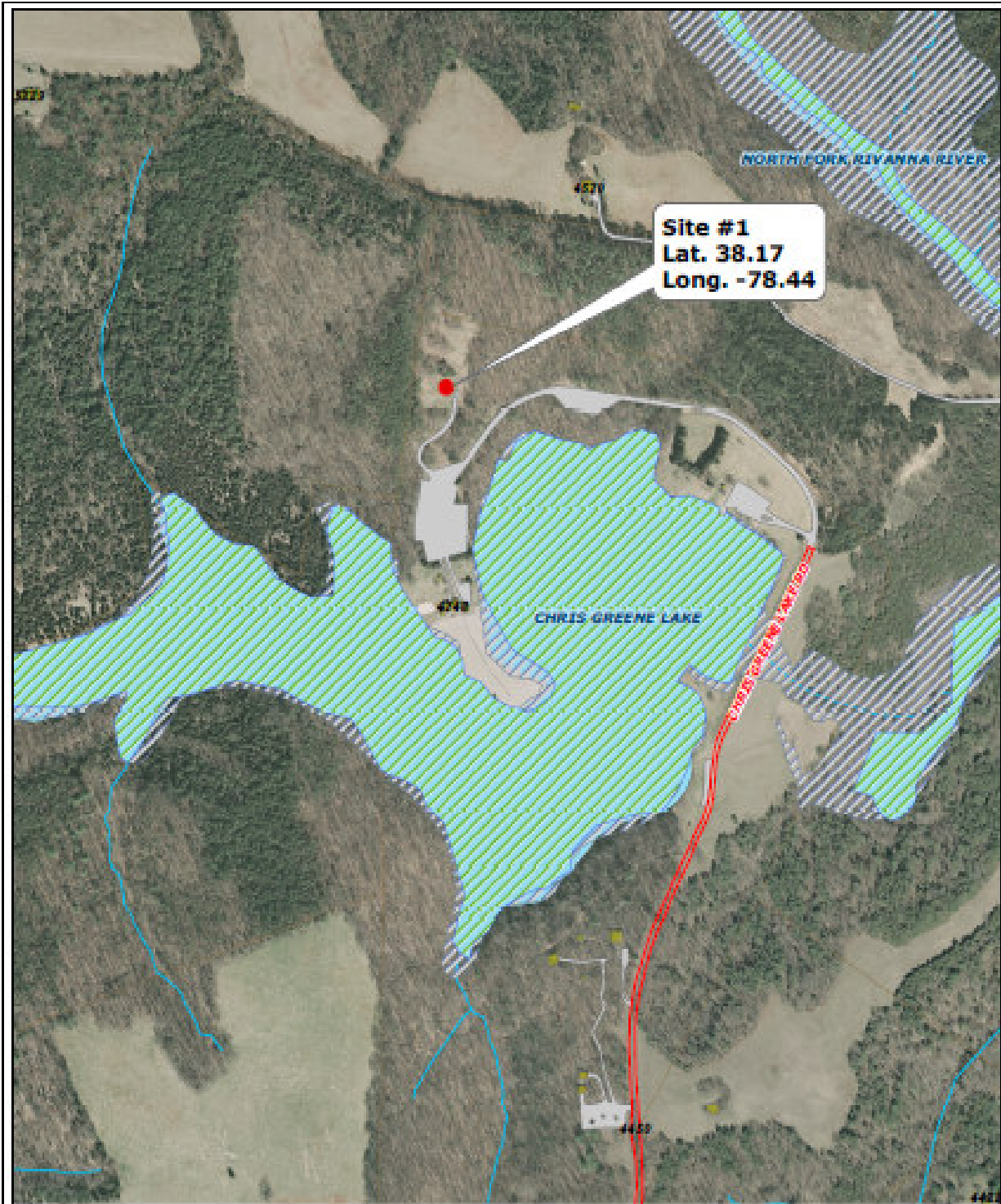
ATTACHMENT E: CLOSURE

Closure shall include the removal of wastes, waste constituents and all temporary features used in support of the waste activities associated with deposit, environmental protection, maintenance and operation. Final closure should return the site to as near as natural condition as possible prior to the disposal of waste.

ATTACHMENT F: PUBLIC NOTICE.

VSWMR 9 VAC 20-80-**485.B.4** requires a public notice to be accompanied with the written permit. The **Applicant** will fill out DEQ FORM EDWP-03 and fax that to a newspaper in the largest circulation for that municipality. The generic form contains the required information. The form is self-explanatory and may be filled in by hand. PRINT, do not use cursive. It must be legible. A copy of the advertisement from the newspaper must be submitted to the Department within 24 hours after submitting the contact information and siting checklist. Once the Department receives the required permit application and a copy of the advertisement from the applicant the permit will be signed and issued. The actual publication date of the advertisement should be the soonest date possible depending on the soonest newspaper publication date.





Prepared by Alleman County
 Office of Geographic Data Services (OGDS)
 May created July 2008
 By Andy Black OGDS Specialist II

**Chris Greene Lake Park
 TDMS**

Note: The map elements depicted are graphic
 representations and are not to be construed or
 used as a legal description. Parcels shown
 without pins and details recorded through
 December 30, 2008.

