



ISLAND COUNTY PLANNING & COMMUNITY DEVELOPMENT

PHONE: (360) 679-7339 ■ from Camano (360) 629-4522 ■ from S. Whidbey (360) 321- 5111
■ FAX: (360) 679-7306 ■ 1 NE 7th St., Coupeville, WA 98239-5000 ■ 121 N East Camano
Drive, Camano Island, WA 98282 ■ Phone (360) 387-3443
www.islandcountywa.gov/planning

INSTRUCTIONS FOR FILLING OUT AND SUBMITTING AN APPLICATION

- Type or neatly print all information.
- Only fill out those portions that are not shaded in gray.
- If someone other than the landowner is applying for the permit, the application must be accompanied by a notarized "Applicant Authorization Form". Without this form, the application will be incomplete and will not be accepted by County staff. The "Applicant Authorization Form" is attached to this application.
- This application is a "Master Land Development Permit" and must be filled out for all types of development permits. Depending upon your specific proposal you will need to fill out supplemental attachments to this application that provide more specific information. No development proposals can be reviewed using only this form so please ask what additional forms you will need.

ELECTRONIC SUBMITTAL PROCESS

It is preferred for applicants to use the electronic submittal process to submit application documents. Please submit documents in **PDF file format**, to planningdept@islandcountywa.gov. Emails over 7 MB should be sent through a file sharing application, portable USB, or contact the Planning Department for an FTP sharing link. One of our planners will look over your documents to determine if your application can be submitted or if modifications are required. When the planner approves the electronic application for submission, we will provide you with a fee estimate. Please mail in the original signed application, fee estimate, and a check. (If the application form requests more copies, please disregard. The original is sufficient). Once Planning and Community Development receives the hard copies and payment, the applicant can expect to receive a letter of completeness indicating that the review period has begun, or is incomplete and requires changes.

Mailing address for USPS deliveries is:

Planning & Community Development
1 NE 7th St.
Coupeville, WA 98239

For FedEx or UPS deliveries, mail to:

Planning & Community Development
1 NE 6th St.
Coupeville, WA 98239

IF APPLICANT CHOOSES IN PERSON SUBMITTAL AN APPOINTMENT IS PREFERRED

PLEASE BRING ORIGINAL APPLICATION AND DOCUMENTS AND ELECTRONIC COPIES (USB)

Whidbey: call 360-679-7339

Camano: call 360-387-3443

Please plan for up to 60 minutes for a submittal appointment.

MASTER LAND DEVELOPMENT PERMIT APPLICATION

Application # _____ date Rec'd _____ Receipt # _____ Associated Files _____

ISLAND COUNTY PLANNING AND COMMUNITY DEVELOPMENT

1 NE 6th St. COUPEVILLE, WA 98239

Phone: (360) 679-7339 - South Whidbey (360) 321-5111 - Camano Island (360) 629-4522

<https://www.islandcountywa.gov/Planning/Pages/Home.aspx>

Owner	Phone					
Address	e-Mail					
City, State, Zip	Signature					
Owner	Phone					
Address	e-Mail					
City, State, Zip	Signature					
Applicant/Agent*	Phone					
Address	e-Mail					
City, State, Zip	Signature					
PROPERTY INFORMATION						
Project Address (include city):						
Parcel #	Key #	Parcel Size	Division	Block	Lot	Zoning

Do you own contiguous parcels? <input type="checkbox"/> Yes (if yes, list) <input type="checkbox"/> No	Is the property in a special tax program, e.g. forest, agriculture, senior citizen, etc.?
PROJECT INFORMATION <i>(check all that apply)</i> Form letter reference is bolded	
SUBDIVISION <input type="checkbox"/> Short Plat - Preliminary (G) <input type="checkbox"/> Short Plat - Final (H) <input type="checkbox"/> Short Plat - Alteration (L) <input type="checkbox"/> Long Plat - Preliminary (I) <input type="checkbox"/> Long Plat - Final (J) <input type="checkbox"/> Long Plat - Alteration (M) <input type="checkbox"/> Planned Residential Development (K) <input type="checkbox"/> Boundary Line Adjustment (BB) <input type="checkbox"/> Lot Combination (BB)	SITE PLAN REVIEW <input type="checkbox"/> Cell Tower (E) <input type="checkbox"/> Surface Mine (F) <input type="checkbox"/> Rural Commercial Events (EE) <input type="checkbox"/> Type II in NR Zones (D) Type II in other Zones (C) <input type="checkbox"/> Type III in NR Zones (D) <input type="checkbox"/> Type III in other Zones (C)
CRITICAL AREAS <input type="checkbox"/> Public Transportation Utility (Y) <input type="checkbox"/> Reasonable Use (Type 1) (X-1) <input type="checkbox"/> Reasonable Use (Type 2) (X-2) <input type="checkbox"/> Wetland or Buffer Improvement (Z) <input type="checkbox"/> Critical Areas Permitted Use (P)	SHORELINE <input type="checkbox"/> Shoreline Exemption (R) <input type="checkbox"/> Shoreline Exemption Limited Review <input type="checkbox"/> Shoreline Development (Q) <input type="checkbox"/> Shoreline Variance / Conditional Use (S)
ZONING <input type="checkbox"/> Certificate of Zoning Compliance <input type="checkbox"/> Zoning Code Interpretation Zoning <input type="checkbox"/> Code Amendment Comprehensive Plan Amendment OTHER <input type="checkbox"/> Environmental Checklist (SEPA) <input type="checkbox"/> Clearing and Grading (N) <input type="checkbox"/> Water System Review <input type="checkbox"/> Variance (A) <input type="checkbox"/> Temporary Use <input type="checkbox"/> Restoration	



AGENT AUTHORIZATION FORM

Received date: _____

Received by: _____

Landowners may authorize agents, designers, contractors, etc. to apply for permits and conduct activities on their behalf by completing this form and returning to Island County staff. Once received, this form will expire in 3 years. Any applications or requests that agents submit on an owner's behalf must meet the general description provided by the owner below.

I/We hereby authorize the following companies or individuals to submit applications on my/our behalf. I/We also understand that once a permit/application is submitted that all future correspondence may be directed to said agent(s).

Description of work/project: _____

Agent Name: _____
Agent Name: _____
Agent Name: _____
Agent Name: _____

Parcel number(s): _____

Name 1 (printed) _____ Date: _____

Signature 1: _____

Name 2 (printed) _____ Date: _____

Signature 2: _____

APPLICATION CHECKLIST

Please use the following checklist to ensure you provide all the items required under Island County Code. If you believe that an item is not applicable, write N/A and explain why in the blank. All of the blanks under "Applicant Use" must be filled in for this application to be accepted as complete and for the review process to begin. This checklist applies to all land use applications. Depending upon the type of application, additional information may also be required which will be outlined in any of the additional forms attached to this Master Permit Application.

Applicant Use	Application Requirements	County Use Only
<input type="checkbox"/>	1) Payment, as established by the Board of Island County Commissioners	
<input type="checkbox"/>	2) Completed Master Land Development Permit Application	
<input type="checkbox"/>	3) Electronic copy via email, thumb drive, or file sharing link containing complete application and associated reports (.pdf format requested) . Please send separate documents as separate <u>files</u> . For example, the application form, SEPA checklist, wetland report, BSA, etc. should all be separate files with clear file names.	
<input type="checkbox"/>	4) Completed Field Indicators Worksheet (from Wetland ID Guide)	
<input type="checkbox"/>	a) Land Use Intensity Worksheet (If applicable)	
<input type="checkbox"/>	b) Wetland Buffer Worksheet (If applicable)	
<input type="checkbox"/>	5) Completed project specific Forms (e.g. Form A Variance, etc.)	
<input type="checkbox"/>	6) A legible plot plan that shows all of the following (<u>except</u> for final long and short subdivisions – for short subdivisions see Form H ; for long subdivision see Form J for map requirements; For BLA or Lot Combination see Form BB):	
<input type="checkbox"/>	a) Drawn to a standard <u>engineering</u> scale (specific Forms will provide an appropriate range of scales). Indicate scale.	
<input type="checkbox"/>	b) North arrow	
<input type="checkbox"/>	c) Boundaries, dimensions and area of lot (square feet or acres)	
<input type="checkbox"/>	d) Name of road(s) bordering the property and their width	
<input type="checkbox"/>	e) Land features. Show the top and toe of all slopes, the direction of slope, percentage of slope, seasonal drainage ways, soggy areas, ditches, ravines, lakes, ordinary high water mark of shoreline, etc.	
<input type="checkbox"/>	f) Critical Areas. Show protected species habitats, geologically hazardous areas, floodplains, aquifer recharge areas, streams, wetlands as well as all their associated buffers on-site or off-site when they may affect the proposal. <i>(note: if a feature is shown on the County's Critical Areas map it must be shown on the plot plan; if you do not believe that feature is present please describe).</i>	
<input type="checkbox"/>	7) If the proposal is in an archaeological area, a report must be submitted that identifies resources and how they will be protected.	
<input type="checkbox"/>	8) Assessor's quarter section map(s) that identifies the subject site and any contiguous properties in the same ownership (not needed for final short and final long subdivisions).	
<input type="checkbox"/>	9) Vicinity map and specific written directions on how to find the site. Provide the map and directions together on a single 8.5 by 11 inch sheet. The map must be detailed enough to clearly locate the site and must identify major arterials, county roads, natural features, landmarks, city limits or any other feature that will help describe how to find the site. A copy of a general road map that highlights the location of your proposal is ideal.	

FORM C – SUPPLEMENTAL SITE PLAN REVIEW APPLICATION CHECKLIST

In addition to the items identified in the Master Permit Application Checklist a Site Plan Review application also requires the following additional items. For those items below that must be shown on a plot plan please show them on the same plot plan required under item #5 of the Master Permit Application Checklist – it is not necessary that you prepare two separate plot plans.

APPLICANT USE	APPLICANT USE	COUNTY USE ONLY
<input type="checkbox"/>	1. On a separate document provide a written description of proposal (see question 3 Form C).	
<input type="checkbox"/>	2. On a separate document provide a detailed written statement addressing required criteria and standards (not required for Home Industries).	
<input type="checkbox"/>	3. Legal description of the property as it was last recorded.	
<input type="checkbox"/>	4. Proposed source of water (e.g. water availability verification form, letter of commitment from water provider, well site location and/or verification).	
<input type="checkbox"/>	5. Copies of soil logs registered with the County Health Department or a letter of commitment from a sewer district	
<input type="checkbox"/>	6. Copy of approved Certificate of Transportation Concurrency, if applicable	
<input type="checkbox"/>	7. Documentation of legal means of access to a public road (e.g. existing access permit number, access permit application, recorded easement).	
<input type="checkbox"/>	8. For Type III applications (see question 19 Form C) the following must be provided:	
<input type="checkbox"/>	a. Community Meeting required: Submit meeting notes, an electronic audio or video copy of the recorded meeting and an affidavit of notice of the meeting.	
<input type="checkbox"/>	b. Pre-Application Conference required: Provide the date of the meeting (must be after the community meeting but within 6 months of the date this application is submitted).	
<input type="checkbox"/>	c. On a separate document provide the names and addresses of property owners within a 300 foot radius of the site.	
<input type="checkbox"/>	d. An Assessor's quarter section map that shows all parcels within a 300 foot radius of the site.	

APPLICANT USE	APPLICANT USE	COUNTY USE ONLY
<input type="checkbox"/>	i. Indicate location of water lines, well, and pollution control radius. Note: A pollution control radius around an off-site well may impact your project if it overlaps onto your parcel.	
<input type="checkbox"/>	j. If the proposal includes a subdivision, show the location and dimension of all proposed and existing lots. Show the location of all soil test holes on each proposed lot. Indicate location of septic tank, drainfield, reserve area and tightline between house and septic tank and the distance between the drainfield and reserve area to existing and proposed property lines. Also provide the legal descriptions of existing and proposed parcels and a legend that includes a site address and Assessor parcel number of the parcel proposed for division.	
<input type="checkbox"/>	k. Drainage. Location and description of all existing and proposed drainage features and systems, including natural drainage ways, culverts and ditches. Show the direction of water flow.	
<input type="checkbox"/>	l. Grading plans. Show existing and proposed finished grade contours for any cut or fill 2 feet or greater in height in plan view and cross sections. Indicate quantities of fill or excavation in cubic yards. For any material exported from the site, state quantities and where the materials will be disposed. For any materials imported to the site, indicate quantity, source and type of materials.	
<input type="checkbox"/>	m. Existing and proposed vegetation. Please be specific about the type, e.g. grasses, types of trees, etc.	
<input type="checkbox"/>	n. Clearing limits. Show all areas where trees and brush currently exist and where it will be cut or removed.	
<input type="checkbox"/>	o. Location of proposed open space.	
<input type="checkbox"/>	p. Erosion and sedimentation control plans. Show all areas where soil will be exposed along with measures to limit the erosion and transport of silt and sediment.	
<input type="checkbox"/>	q. Approximate number of square feet proposed in paved or other impervious surfaces, open space, wetlands, steep and unstable slopes and the total area of the site.	

APPLICANT USE	APPLICANT USE	COUNTY USE ONLY
<input type="checkbox"/>	<ul style="list-style-type: none"> r. Layout of all existing and proposed pedestrian walkways, landscaped areas, curbs, gutters, the extent of street paving, and the location of exit and proposed fire hydrants, on-site water sources, and sewage disposal systems. 	
<input type="checkbox"/>	10. Phasing Plan, if development will not occur at one time.	
<input type="checkbox"/>	11. A Landscape Plan, drawn to scale, showing the following:	
<input type="checkbox"/>	<ul style="list-style-type: none"> a. Open space, including any community area. 	
<input type="checkbox"/>	<ul style="list-style-type: none"> b. Location and type of significant landscape features and vegetation on site. 	
<input type="checkbox"/>	<ul style="list-style-type: none"> c. Location and design of landscaped areas. 	
<input type="checkbox"/>	<ul style="list-style-type: none"> d. Plant specifications including genus/species type, sizes at time of planting (including gallon/caliper/height), maturity, and growth habits. Also provide photos and written documentation. 	
<input type="checkbox"/>	<ul style="list-style-type: none"> e. Other pertinent landscape features and irrigation systems required to maintain trees and plants. 	
<input type="checkbox"/>	12. Visual Analysis, to identify the effect of the proposed development on surrounding properties and uses.	
<input type="checkbox"/>	13. Architectural Plan showing elevations and specifications as to type, color and texture of exterior surfaces of proposed structures.	
<input type="checkbox"/>	14. Sign Plan, drawn to scale, showing the location, size, design, material, color, and method of illumination of all exterior signs.	
<input type="checkbox"/>	15. Lighting Plan	
<input type="checkbox"/>	16. A plan to limit and/or control noise, dust, dirt, heat, glare, vibration, odors, toxic gases, and liquid and solid waste.	
<input type="checkbox"/>	17. Reports/Plans required by Critical Area Regulations.	
<input type="checkbox"/>	18. Drainage Narrative or Preliminary Drainage Plan.	
<input type="checkbox"/>	19. SEPA - Environmental Checklist , if required.	

FORM C	ISLAND COUNTY PLANNING AND COMMUNITY DEVELOPMENT APPLICATION FOR SITE PLAN REVIEW Rural, Rural Residential, Rural Forest, Rural Agriculture and Commercial Agriculture Zones
<p>Use this form if proposing to establish a conditional use in the R, RR, RF, RA, or CA zones. All conditional uses are classified as either a Type II or a Type III decision. Type II and Type III decisions have slightly different application requirements.</p> <p> <input type="checkbox"/> TYPE II DECISION – Complete the application questions as outlined in this form. Island County staff will review the proposal and issue a decision. A public hearing is not required unless the decision is appealed. </p> <p> <input type="checkbox"/> TYPE III DECISION – All Type III Decisions require that a Pre-Application Conference be held no more than 6 months prior to submittal of this application. Many Type III Decisions require that a Community Meeting be held prior to submittal of this application. Island County staff will review the proposal and issue a recommendation to the Island County Hearing Examiner. The Hearing Examiner will conduct a public hearing and issue a formal decision. </p>	
<p>1. Provide the date the parcel was created and the legal description of the real property as last recorded (list here, provide on attached document, or Submit copy of recorded deed):</p> <div style="border: 1px solid black; height: 400px; margin-top: 10px;"></div>	

2. Provide names, addresses and telephone numbers of associated professional consultants such as architects or engineers not identified on cover sheet:

3. On a separate document, provide a detailed written description of the proposal. Include descriptions of (1) the general purpose of the project, (2) features and pertinent matters not readily identifiable in map form, (3) specific uses permitted on the site and the area(s) to be designated as Open Space and Community Area (4) necessary or proposed restrictions and (5) phasing schedules. Upon approval of the application, this text will constitute a contractual limitation to those uses and standards otherwise provided in the county code.

4. Provide the date that the parcel(s) was created (if known):

5. Total square footage of all structures on site: _____;

Square footage dedicated to commercial use _____

Total impervious surface of the site (e.g. pavement, buildings): Square feet _____;

Percent of site _____

6. For a residential use, provide the total number of units proposed: _____;

Proposed density: _____

Describe the type of units proposed (single family detached, condos, townhouse, etc.):

7. Will the proposal create any new parcels?

☐ Yes

☐ No

If yes, how many new parcels will be created? _____

8. Describe the proposed source of water supply, including the name of the provider if it is to be served by a public system: _____

9. Describe the proposed method of sewage disposal, including the name of the district if it is to be served by a public sewer system: _____

10. Provide the Certificate of Transportation Concurrency No. _____

11. Will the proposal access directly onto an adjacent public road?

☐ Yes

☐ No

If yes, provide a copy of the existing Access Permit or submit an Access Permit application with this application. If no, provide documentation of the legal access to a public road.

12. Is the project within 200 feet of the shoreline?

☐ Yes

☐ No

If yes, a Shoreline Substantial Development Permit may be required along with this submittal (Form Q).

13. Identify any existing uses on the property (e.g. single family residence, agriculture, forestry, bed and breakfast) _____

Provide the permit numbers of any previously approved permits _____

14. Are the existing uses allowed in the current zoning designation of the site?

☐ Yes

☐ No

If no, describe which uses are not allowed and when they were established

15. If this project will be completed in phases, describe each phase and their associated timeframes:

16. Estimate the total amount of cut and fill (includes all material relocated on the site plus imported and exported material)? _____ cubic yards. What is the maximum height of cut or fill? _____ feet.

17. If material will be exported to another site provide the amount, address and parcel number of the receiving property. _____

18. All developments will generate stormwater runoff from things such as gutters, driveways, roads, areas where vegetation has been removed or new impervious surfaces. Describe how it will be managed. Please be specific (for example, "runoff from gutters and parking areas will be infiltrated by a drywell located near the SE corner of the house" or "runoff from driveway will be captured in catch basin and routed to a tightline over the bluff to the beach"). Attach additional plan or documents if necessary.

19. For Type III Conditional Uses (For an explanation see the top of this form):

- a. **Community Meeting.** Community meetings are required for many Type III Decisions (Not required for Home Industries or Surface Mines on Mineral Lands of Long Term Commercial Significance). When a community meeting is required it must be held prior to the submittal of this application. Once completed, you must submit a tape copy of the recorded meeting, the meeting notes, and an affidavit that demonstrates the meeting was properly noticed in the newspaper and by sign on the property.

Meeting Date: _____

- b. **Pre-Application Meeting.** All Type III Decisions require a formal Pre-Application Conference no more than 6 months prior to submittal of this application.

Pre-Application Conference Date: _____ **File Number:** PRE _____ / _____

Island county planning and community development

Field Indicators Worksheet

The Field Indicators Worksheet will help you and the County determine if a wetland or wetland buffer is on your property. Applicants for permits for single family residential uses must either complete this Worksheet or, at their option, hire a wetland professional to complete a Wetland Report that includes the elements of the Worksheet. All other applicants (commercial or non-residential) must do the latter, if the County verifies that the development proposal is for land that contains or is affected by a wetland.

The comments section of this Worksheet may be used to record any particulars or information about your property. You may attach additional pages and photographs.

The County will verify the information provided in this Worksheet or related wetland report.

This Worksheet must be included with every application for development. Prospective purchasers may also ask the County to review the Worksheet to assist them in determining whether the property they are interested in purchasing contains wetlands.

Applicant name (please print): _____

date: _____

parcel or key number: _____

hydrology

The presence of water is the most obvious and common indicator of a wetland. There are several factors that must be considered in describing whether or not you have water on your property. Some wetlands have standing water all year long; others are soggy only during wetter months of the year; and, others appear wet only after storm events.

1. Is there ever standing water on the property?

☐ Yes ☐ No

If No, proceed to question #3

If Yes, is it:

☐ 4 weeks - 4 months ☐ 4 months - 8 months - Seasonally ☐ 8 months - Year Round

2. If you answered yes to question #1, are the surrounding adjacent areas:

Topographically higher ☐ Yes ☐ No

Topographically lower ☐ Yes ☐ No

Topographically the same elevation ☐ Yes ☐ No

3. When you dug the hole, did you observe any water within 10 inches of the ground surface?

☐ Yes ☐ No

4. Identify any features through which water flows onto your property (Check all that apply)

☐ Stream ☐ Culverts ☐ Ditches ☐ Roadside Ditch

☐ Storm Drains ☐ Ponds, lakes, estuaries ☐ Pumps ☐ Other _____

5. Identify any features through which water flows off of your property (Check all that apply)

☐ Stream ☐ Culverts ☐ Ditches ☐ Roadside Ditch

☐ Storm Drains ☐ Ponds, lakes, estuaries ☐ Pumps ☐ Other _____

6. Are there defined ditches/channels on, or near your property that have water?

☐ Yes, there are ditches/channels that have occasional water flow (e.g. after storm events).

☐ Yes, there are ditches/channels that have regular water flow during wet months.

☐ Yes, there are ditches/channels that have water flow all year long.

☐ No, there are no defined channels

If Yes, how wide is defined channel?

☐ Large (>2 ft across) ☐ Small (<2 ft across) ☐ Grass Lined Swale (dried up pond)

Comments:

hydrology Map

Please refer to the *Hydrology Map Example* found in the *Wetland Identification Guide* for instructions

Draw a close approximation of the features you listed in questions 1-6 of the Hydrology section of the Field Indicators Worksheet. Please label the features and approximate dimensions. You may also include areas where wetland vegetation was observed and sites where you performed your soil samples. An organized and informative drawing will help make our site visit more efficient. For greater accuracy, you may obtain an aerial map of your parcel from the Island County Planning and Community Development offices, and use it as the base layer for your map. The Hydrology Map section of the *Island County Wetland Identification Guide* has further information.

Comments:

Vegetation

Only certain types of vegetation can survive in wetland conditions. In fact, some plants, trees and shrubs live nowhere else except in wetlands, e.g. skunk cabbage. Other types of vegetation are tolerant of both wet and drier conditions, e.g. salmonberry and alder. Most trees and plants look different depending upon the time of the year. This can make it difficult to identify exactly what's on your property. Numerous photographs of the more common types of wetland vegetation are shown during different seasons. **please include these observations in your hydrology Map.**

7. Are there any native wetland plants on the property that are identified in the Wetland Vegetation section of the Wetland Identification Guide? (Check all that apply)
- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Slough Sedge | <input type="checkbox"/> Cooley's Hedge Nettle | <input type="checkbox"/> Crabapple | <input type="checkbox"/> Red Stemmed Dogwood |
| <input type="checkbox"/> Labrador Tea | <input type="checkbox"/> Water Parsley | <input type="checkbox"/> Skunk Cabbage | <input type="checkbox"/> American Speedwell |
| <input type="checkbox"/> Cat Tail | <input type="checkbox"/> Common Rush | <input type="checkbox"/> Willows | <input type="checkbox"/> Red Alder |
| <input type="checkbox"/> Salmonberry | <input type="checkbox"/> Nootka Rose | <input type="checkbox"/> Bull Rush | <input type="checkbox"/> Western Red Cedar |
| <input type="checkbox"/> Pacific Silverweed | <input type="checkbox"/> Sitka Spruce | <input type="checkbox"/> Hardhack | <input type="checkbox"/> Grasses (other than lawn) |
-
8. Are there any non-native wetland plants on the property that are identified in the Wetland Vegetation section of the Wetland Identification Guide?
- | | | | |
|--|---|--------------------------------------|---|
| <input type="checkbox"/> Creeping Buttercup | <input type="checkbox"/> Reed Canary Grass | <input type="checkbox"/> Yellow Iris | <input type="checkbox"/> Himalayan Blackberry |
| <input type="checkbox"/> Eurasian Milfoil | <input type="checkbox"/> Evergreen Blackberry | <input type="checkbox"/> Velvetgrass | |
| <input type="checkbox"/> Canadian Thistle/
Bull Thistle | <input type="checkbox"/> Hairy Willow-herb | | |

Comments:

soil

While water and vegetation can be identified by simply observing what is on your property, learning about your soils will take a little more work. Soil characteristics change as a result of the regular presence of water. Minerals in the soil will start to rust and organics are unable to decompose. By digging some holes you can see whether or not the area you are looking at is in fact a wetland. The Wetland Identification Guide's Soil section provides additional information that you may find useful in answering the following questions. You will need to dig a hole 12 inches deep in order to answer the following questions. **please include the locations where you took your soil samples in your hydrology Map.**

9. Indicate the color of the soil at the bottom of the 12 inch deep hole that you dug.
- | | | |
|-------------------------------------|--|--------------------------------|
| <input type="checkbox"/> Dark Black | <input type="checkbox"/> Grey w/rust spots | <input type="checkbox"/> Brown |
|-------------------------------------|--|--------------------------------|
-
10. Does the soil smell sulfuric? (like rotten eggs)
- | | | |
|------------------------------|-----------------------------|-----------------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> At Times |
|------------------------------|-----------------------------|-----------------------------------|
-
11. If you take a tablespoon size sample of the soil and squeeze it, is it saturated with water?
- | | | |
|------------------------------|--|--|
| <input type="checkbox"/> Yes | <input type="checkbox"/> Moderate/Soil is damp | <input type="checkbox"/> No. Soil is dry |
|------------------------------|--|--|

Comments: