



Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

PUBLIC AFFAIRS

June 28, 2012

In reply refer to: DK-7

Mary Swartzlander
Ex 6

FOIA #BPA-2012-01350-F

Dear Ms. Swartzlander:

This is the final response to the request for records that you made to the Bonneville Power Administration (BPA) under the Freedom of Information Act (FOIA), 5 U.S.C. 552.

You requested:

All documents that BPA has regarding environmental or maintenance work done on the land on tax lot 1800 and 1700 in Walton, OR, from 1992 to May 2012.

Although BPA has released the majority of the responsive records in their entirety, portions of some of the records have been redacted. The records which have some information redacted are withheld pursuant to Exemption 6. These redactions are explained below.

Exemption 6:

BPA asserts this exemption for information which could reasonably be expected to constitute an unwarranted invasion of personal privacy if disclosed. The withheld information consists of the names and personal contact information (address, email, and/or phone numbers) of individual citizens who have expressed an interest in this Project, as well as the personal cell phone numbers and email addresses of various individuals working on this Project. Release of this information could subject these individuals to unwanted intrusions of privacy. There is no public interest in the disclosure of this information because it does not shed any light on how BPA has performed its statutory duties.

You have agreed to pay fees in the amount of \$125.78. It will be billed separately.

Pursuant to 10 CFR 1004.8, if you are dissatisfied with this determination, or the adequacy of the search, you may appeal in writing within 30 calendar days of receipt of a final response letter. The appeal should be made to the Director, Office of Hearings and Appeals, HG-1, Department

of Energy, 1000 Independence Avenue, SW, Washington, DC 20585-1615. The written appeal, including the envelope, must clearly indicate that a FOIA Appeal is being made.

I appreciate the opportunity to assist you. Please contact our office at 503-230-7305 with any questions about this letter.

Sincerely,

/s/Christina J. Munro

Christina J. Munro

Freedom of Information Act/Privacy Act Officer

Ex 6

1/16/08 1000
as per
Aaron
Sundberg

ADJACENT TO WALTON
SUBSTATION Ex 6

Ex 6

Our tree leaning over property line
into one of her trees

Assess

Make arrangements with her Re:
Removal (she has a guard dog)

Keep Aaron Sundberg informed


Live Search Maps


My Notes


Start: 97405


End: 18799 Transformer Rd, Walton, OR 97490-9705


Trip: 40.3 mi, 55 min


-  1. Depart Tolman Rd 2.2 mi


-  2. Turn left toward Murdock Rd 0.2 mi


-  3. Turn left onto Murdock Rd 1.3 mi


-  4. Turn left onto Fox Hollow Rd 1.8 mi


-  5. Turn left to stay on Fox Hollow Rd 4.5 mi

-  6. Turn left onto Lorane Hwy 3.5 mi

-  7. Turn right onto Territorial Hwy 12.6 mi
16 min

-  8. Turn left onto SR-126 / Florence-Eugene Hwy 14.3 mi
16 min

-  9. Turn right onto Nelson Mountain Rd

-  10. Arrive at 18799 Transformer Rd
*The last intersection is SR-126 / Florence-Eugene Hwy
If you reach Transformer Rd, you've gone too far*

These directions are subject to the Windows Live Terms of Use and for informational purposes only. No guarantee is made regarding their completeness or accuracy. Construction projects, traffic, or other events may cause actual conditions to differ from these results. Map and traffic data © 2007 NAVTEQ™, AND™.

8³⁰ or before

Nelem mtu Road (R)

Transformer road (L)

Immediate right
by fire station

18799 Transformer Road

Call Michael Ivan

meet at Walter Store

Access via neighbor's
property

Reschedule

1/28/08

12 noon

Wed

~~1/30/08~~

~~0830~~

Resident side

Mon

2/04/08

0900

Watson side

1/19/08 c/m for resident to see if this works

2/27
4:09
obb
jm

Ex 6

Reschedule tree removal

obb: Fri 29th
9:00 → 1st Fri of march 3/07
2nd Fri of march 3/14

L/m

Ex 6

2/29/08 0800 left message on
home phone to schedule
for Fri 3/07/08

3/07/08 Removed top of tree in
neighbor's site. Need to schedule
removal of dead tree on site



THOMPSON

LANDSCAPE COMPANY

P.O. BOX 11562 • EUGENE, OR 97440

TEL. (541) 686-3469

INVOICE

Account #

DATE

INVOICE#

3/20/2008

200393

BILL TO:

Bonneville Power Administration
ATTN: Jordan Cowman
86000 Hwy 99 So.
Eugene, OR 97405

JOB SITE

WALTON SUBSTATION
Thompson Landscape Company
Tax ID # 93-1126746

CPA # 139935
Norma Kilgore

P.O. NO.

TERMS

Upon Receipt

DESCRIPTION		AMOUNT
WORK REQUESTED: Clean up		
11.5	Hours Labor - Service	379.50
	Equipment Rental	837.92
3	Yard of Debris	12.75
CPA <i>Jordan Cowman</i> 3/31/08 Contract # 26448 33571 03 TWDA TFEV CSF		
Thank you for your business. For your convenience - we now accept Credit Card Payments. Please call for details.		
TOTAL		\$1,230.17

20000293



Department of Energy
 Bonneville Power Administration
 PO Box 61409
 Vancouver, WA 98666

AMSchaubert 7/23/02
 JUL 15 2002

TRACT NO: WALT-SS-2 (FEE) AND ~~WALT-SAR-2~~ DATE: 7/15/02
 LIS CASE NO./FILE NAME: 20000293 USDA
 OPERATING LINE: Walten Substation Site

To: Manager, Real Property Services - TR/TPP4

This case has been closed by Real Property Services. Please verify data on the Land Information System and process the record for storage and retrieval.

- Disposal action has been completed on the above tract(s).
- Partial Disposal has been completed.
- Easement rights have been granted.
- No Rights Issued.
- No Permit required as crossing is to be located within a public or county roadway.
- NO MAPPING NECESSARY.
- MAPPING NECESSARY - Send to TRS/TPP4.
- Cancellation.
- Land Use Agreement/Permit. Wetland restoration and enhancement
- Other.

Cathy Albrecht
 Cathy Albrecht, Realty Specialist

LMS

Note:

cc:
 Aircraft Services TC/Hanger
 Lineman Foreman III TFEF/Alvey

B. Tilley - TFE/Alvey

pm 7/24/02



Department of Energy

Bonneville Power Administration
86000 Hwy 99 S
Eugene, OR 97405

September 5, 2001

In reply refer to: TRF/Alvey

Tract Nos.: Walt-SS-2 (FEE)

Walt-SAR-2

CASE No. 20000293

LINE: Walton Substation Site

(Copy faxed to Ex 6
9-6-01)

Natural Resources Conservation Service
Ex 6

157 N.W. 15th Street
Newport, OR 97365

Siuslaw Soil & Water Conservation District
Ex 6

1525 12th Street, Suite F
Florence, OR 97439

CERTIFIED-RETURN RECEIPT REQUESTED

LAND USE AGREEMENT

Bonneville Power Administration (BPA) hereby agrees to your use of BPA's fee-owned property and access road easement for construction/installation, use, and maintenance of wetland restoration and enhancement in the vicinity of BPA's Walton Substation.

7/23/02
LM Scheubner

The location of your use is partially within Lot 6 of Section 6, and the SE 1/4 of Section 1, Township 8 South, Range 7 West, Willamette Meridian, Lane County, State of Oregon, as shown approximately on the attached segment of BPA Drawing 36125 and 103832, marked Exhibit A, page 1 of 2 and 2 of 2 respectively.

SE 1/4
SEC 1
T. 8 South
R. 7 West (AR)

There may *also* be other uses of the property which might be located within the same area as your project. *This agreement is subject to those other rights.*

This agreement is entered into with the express understanding that it is not assignable or transferable to other parties.

BPA'S AGREEMENT IS CONTINGENT ON THE FOLLOWING CONDITIONS:

1. Access to BPA's substation and transmission line structures must remain open and unobstructed at all times. BPA's access roads shall be left in a condition equal to or better than found.

2. Construction equipment must maintain a minimum distance of 15 feet between equipment and transmission line conductors.
3. Ground disturbing activities shall come no closer than 30 feet from any BPA substation fence or transmission line structure.
4. No storage of flammable materials is allowed on the transmission line rights-of-way.
5. No refueling of vehicles or equipment is allowed on the transmission line rights-of-way.
6. No fir trees shall be planted on the 237.5' - wide transmission line rights-of-way. Trees or shrubs planted on right-of-way shall not exceed 25 feet in height.
7. The project shall be constructed and implemented in accordance with the plan attached as Exhibit B, which is made a part of this Agreement.
8. ENVIRONMENTAL RESPONSIBILITY: You shall be responsible for and comply with all procedural and substantive environmental requirements imposed by local, state, or federal laws or regulations applicable to the facility. You shall notify BPA in a timely manner any reportable release of hazardous substances or breaches of environmental requirements and shall mitigate and abate adverse environmental impacts of its actions. You shall hold BPA harmless for any and all liability arising from the violation of such environmental requirements by you. Violation of such requirements by you shall make this agreement voidable at the election of BPA.

Other uses and utilities on the BPA property must be applied for separately.

You shall not make any changes or additions to your use of the property without BPA's review and written approval.

IN ADDITION, THE FOLLOWING IS BROUGHT TO YOUR ATTENTION AND MUST ALSO BE COMPLIED WITH:

Hazard or Interference: The subject use of BPA's fee-owned property has been determined not to be a hazard to, nor an interference with BPA's present use of this right-of-way for electric transmission line and substation purposes. Accordingly, there is no present objection to such use. However, if such use should, at any time, become a hazard to the presently installed electrical facilities of BPA, or any facilities added or constructed in the future, or if such use should interfere with the inspection, maintenance, or repair of the same, or with BPA's access, you will be required to remove such hazard or interference at no expense to BPA.

Liability: You will have to assume risk of loss, damage, or injury which may result from your use of BPA's fee-owned property, except for such loss, damage, or injury for which BPA may be responsible under the provisions of the Federal Tort Claims Act, 62 Statute 982, as amended. It is understood that any damage to BPA's property caused by or resulting from your use may be repaired by BPA, and the actual cost of such repair shall be charged against and be paid by you.


This Land Use Agreement becomes effective upon the commencement of use as set forth in the agreement. If you have any questions or concerns, please notify us. This agreement is a permit, revocable at will by the U.S., and does not convey any easement, estate, or interest in the land.

IF WE DO NOT HEAR FROM YOU WITHIN 30 DAYS FROM THE RECEIPT OF THE AGREEMENT, THE TERMS OF THE AGREEMENT WILL BE ASSUMED TO BE ACCEPTABLE. THE AGREEMENT WILL THEN BECOME A PART OF OUR PERMANENT FILE AND MAPPING SYSTEM.

You may direct any communication to this office:

Bonneville Power Administration-TRF/Alvey
Attn: Don Gerig
86000 Hwy 99 S
Eugene, OR 97405
(541) 465-6560

THIS AGREEMENT IS HEREBY AUTHORIZED


Donald D. Gerig
Realty Specialist

bcc: Official File-TR-3 (Case No. 20000293)
G. Burbach-TFEF/Alvey
Aircraft Services-TC/Hanger
G. Burchman-TFEB/Alvey
A. De la Cruz-TFE/Alvey
Alvey Line File

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

7000 0520 0017 9897 2157

_____ *Don G.*

Postage	\$ 103
Certified Fee	210
Return Receipt Fee (Endorsement Required)	150
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.63

Postmark
Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)
SILS LAW / Ex 6
Street, Apt. No., or PO Box No.
1825 12 ST STE F
City, State, ZIP+4
Florence OR 97439
 PS Form 3800, February 2000 See Reverse for Instructions

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only: No Insurance Coverage Provided)

7000 0520 0017 9897 2140

_____ *Don G.*

Postage	\$ 103
Certified Fee	210
Return Receipt Fee (Endorsement Required)	150
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.63

Postmark
Here

Recipient's Name (Please Print Clearly) (To be completed by mailer)
NATURALI Ex 6
Street, Apt. No., or PO Box No.
157 NW 15 ST
City, State, ZIP+4
Newport OR 97365
 PS Form 3800, February 2000 See Reverse for Instructions

MEMORANDUM OF AGREEMENT
Walton BPA Wetland Restoration

This agreement is signed by the Siuslaw Soil and Water Conservation District (Siuslaw SWCD), and the State of Oregon acting through its Division of State Lands (the "State").

1. Recital

- 1.1 The parties agree that \$11,000 is provided from the Wetland Mitigation Bank Revolving Fund, established according to ORS 196.640, to Siuslaw Soil and Water Conservation District.
- 1.2 The \$11,000 total is to be spent approximately as follows: excavation/grading/shaping, vegetation removal, wood placement: \$7000; plant materials/site preparation and planting: \$2000; monitoring: \$1500; administration: \$500.
- 1.3 The funds allocation described above will be used exclusively for approximately 10 acres adjacent to Chickahominy Creek, wetlands with 2 acre riparian area, as shown on the attached map. Grading activities will include restoration of the creek floodplain and adjacent wetland habitats as shown in the attached application for the General Authorization (GA).
- 1.4 This project will be authorized by DSL as GA 24188 for wetland enhancement.
- 1.5 If any of these monies are not used for the above stated purposes, except to expand the project (with prior approval of DSL), Siuslaw SWCD agrees to return them in full to the State unless express written consent is obtained from the State to utilize them for a similar purpose. Any changes from the original plan require that Siuslaw SWCD notify the State verbally or in writing and obtain the State's approval.
- 1.6 Monitoring is to be performed by Siuslaw SWCD and/or their representatives according to the Monitoring Plan attached to this MOA which is also part of the above referenced GA. The first annual monitoring report is due no later than November 30, following the first full growing season after completion of the grading and initial planting and for two (2) years thereafter unless remedial actions become necessary. In the event of failure, additional actions and monitoring may be required. Funding for additional actions and monitoring will be provided at the discretion of the State.
- 1.7 Additional funding for this project may be provided at the discretion of the State.

This agreement shall take effect upon signature by both parties and shall endure until the State releases Siuslaw SWCD from further obligations after three (3) years of monitoring and demonstration of ecological success to the State's satisfaction.

Siuslaw Soil and Water Conservation District

State of Oregon, Division of State Lands

Roland Huntington
name

Stephen Paulson
name

Treasurer 5/22/01
title date

Assistant Director 6/12/01
title date

**WALTON BPA SUBSTATION SITE
WETLAND RESTORATION PROJECT PROPOSAL**

SIUSLAW SOIL AND WATER CONSERVATION DISTRICT

in cooperation with Bonneville Power Administration, the Blachly-Lane Electric Cooperative, the Oregon Division of State Lands, and the Natural Resources Conservation Service

SUMMARY: Restoration of the freshwater wetlands in the floodplain of Chickahominy Creek, near its confluence with Wildcat Creek will be achieved through restoration of the hydrological conditions, control of invading introduced plants (primarily blackberry) and reestablishment of native plant species. The project also aims to reduce sediment load in Chickahominy Creek by revegetation of eroding vertical banks, enhance habitat conditions for amphibians, and improve fish habitat in Chickahominy Creek.

LOCATION: The Walton Substation of the Bonneville Power Administration is located west of Chickahominy Creek, west of the town of Walton on Oregon Highway 126. The substation site is north of the highway. The property is owned by the BPA; the substation is situated near the western boundary of the property, above the floodplain which lies east of the station. Legal description: T. 18 S, R 7 W., section 4. The wetland project occurs in the floodplain between the substation and Chickahominy Creek.

A. CURRENT CONDITION/SETTING

Chickahominy Creek is within a 7832 acre (12.2 square mile) basin and is a subbasin of Wildcat Creek, a tributary of the Siuslaw River. The channel length is 7.5 miles. The lower 1.8 miles of the stream has reaches with steep banks (up to 10' high) in fine grained soil. The majority of this stretch is sparsely vegetated with grasses and blackberry. The channel is devoid of large woody debris. In 1987 BLM placed a monitoring station at the Transformer Road bridge adjacent to the southeast corner of BPA property. The gauges measured temperature, conductivity and stage every two weeks in the winter and once a month in the summer. BLM took grab samples for turbidity and suspended sediments from locations upstream. Although temperatures during that period were within standards (60-64F), Chickahominy Creek produced three times more sediment than Walker and Bear Creeks (other nearby tributaries to Wildcat Creek). Grab samples from upstream were within standards, suggesting that the vast majority of the sediments came from the lower 1.8 miles of stream. Data collected from 1989-91 remains untabulated (data compiled by Alan Schloss, BLM Hydrologist). In the summer of 1998, BLM Hydrologist Graham Armstrong recorded July stream temperature of 76F at Transformer Road. Although 1999 summer temperatures never reached that extreme, temperatures remained above standards suggesting that this stretch needs shading and instream structures. It is likely that in the past this area was an important habitat for beaver. Low gradient stream reaches had braided channels with less erosive velocity than today's single channel flows. Large woody debris from upstream was caught in these low gradient areas and provided structure around which the beaver constructed their dams. The beaver dams in turn provided deep summer pools with vegetative cover for protection and shade for juvenile salmon. The backed up waters created rich, biodiverse wetland that became open meadows supporting elk and deer. During the recent historic period farms drained and filled wetlands and grazed livestock or cultivated fields right up to the streambanks leaving the riparian areas devoid of vegetative cover. Throughout the area residents have removed large woody debris from the streams in order to maintain the current stream channel resulting in the downcutting of the creek to bedrock. The location of the BPA property offers several opportunities to reverse the losses of wetland and riparian habitat.

B. PROJECT DESCRIPTION:

1. wetland restoration - Winter high flows will again be allowed to flow into the wetland at two locations.
Site #1: A shallow excavation (approximately 40' long x 15' wide x 3' deep) will divert high water flows from Chickahominy Creek to an excavated basin 50' x 100' x 5' (maximum depth) to create a seasonal wetland overflow area and surface water catchment in what is now a grassy/brushy field (see map, site #1). This constructed wetland will connect to an old stream channel by a shallow excavation. The diversion channel will be planted with native vegetation in order to prevent erosion and downcutting.
Site #2: A channel (10' x 15' x 6' deep) will be excavated to connect an old stream channel to the creek (see map, site #2). The depth of the excavation will allow the water to recede as the water level in the main stream drops, allowing juvenile salmon to escape to the old stream channel. This will provide the access back to the creek for any fish that may enter the wetland. The outlet channel will be lined with rock in order to ensure a higher velocity discharge which will prevent silts from accumulating at the channel mouth. Excavated soils will be placed on the open field and spread in a thin layer complying with ODSL guidelines.
2. riparian buffer tree planting/streambank revegetation - Approximately 500 feet of streambank on the west side of the creek will be planted in conifer and deciduous trees, in a band 100' wide. Willow cuttings and ninebark will be planted on the eroding streambank. The area directly beneath the powerlines will be limited to species that do not exceed 25' in height (vine maple, hazel, cascara, elderberry, ninebark, willow). The east side of the creek was planted in 1999.
3. vegetation control and planting: Patches of Himalayan blackberry, scattered throughout the acreage, will be scraped with a toothed blade. Native grass seed will be broadcast in the disturbed soil. Vegetation control will be applied as needed to ensure establishment of the grass.
4. amphibian habitat enhancement: Several large maple logs will be placed in the excavated in the catchment basin at site #1 to improve habitat diversity and quality.

C. EQUIPMENT AND TIMING

The excavation can be done with a backhoe and small CAT any time from early July to late September. The BPA substation road will be used for site access. Equipment would be operating or stored in the open fields away from any BPA or Blachly-Lane activities. Hand planting of the eroding streambanks will take place in the fall/winter of 2001/2002. Pole planting of willow, vine maple or ninebark will be timed with excavations. Poles, approximately 6' x 3' x 6" in size, will be planted close to the streambank. The poles will be embedded deeply enough into the fine soils to reach the water table.

All required state and federal permits will be obtained prior to construction.

D. MAINTENANCE

Maintenance of the plantings and construction is the responsibility of the Siuslaw Soil and Water Conservation District (SSWCD). There are no major structures planned. The bulk of the maintenance is expected in the first five years of the project, involving vegetation establishment.

E. MONITORING

Annual monitoring will document the following parameters: vegetation, vertebrates/invertebrates, photographic record, structures, weather/climatic factors. The Siuslaw SWCD will be responsible for monitoring. The SSWCD employs two aquatic habitat specialists who will be available for documenting vegetation changes, success of plantings and construction, numbers and kinds of vertebrates/invertebrates using the site, continuing the photographic record, and will include weather data.

F. PUBLIC ACCEPTANCE

Outreach has already begun through newsletter articles. The Siuslaw Watershed Council, the SSWCD, and the Wildcat/Chickahominy Creeks watershed all publish newsletters regularly. The activities of the project will be included in releases in these newsletters. No community opposition to the project has occurred to date.

G. CONCERNS

Throughout the process of planning this project, several concerns have been voiced by different entities. This is an attempt to summarize the concerns and to address each.

Vegetation under power lines can hinder line access and maintenance - planting will be limited to species that do not exceed 25' in height

Access to the Blachly-Lane pole must be maintained, the pole in question is near the proposed site of the excavation (Site #1) - a site visit with Bill Gabriel of Blachly-Lane, occurred June 14, 2000; after reviewing the proposed project on site permission to continue was granted

Access to the substation on the existing road must be maintained, excavations must not cause the road to flood even at flood flow in the creek - A topographic survey was completed by the NRCS; the design incorporates features that will not increase the risk of flooding on the access road.

Endangered species - all ESA/NEPA guidelines will be strictly adhered to; specifically, fish entrapment was a concern; while the project is designed to create wetland characteristics rather than provide offchannel refuge for juvenile fish, an escape will be accessible should fish enter the overflow area; the entrance to the channel will be in the upper level of high water flows where young fish would not be present

Site maintenance - The project was designed to be low maintenance, and does not include construction of major structures requiring expensive upkeep; maintenance will be done as needed by the Siuslaw Soil and Water Conservation District

Safety concern of having construction equipment in close proximity to high voltage lines/station - all BPA recommendations will be followed

Soil erosion during and after construction should be prevented - The areas disturbed during construction will be planted with perennial vegetation (low growing shrubs and/or grasses) to maintain the gradient and prevent erosion.

Spoils from excavation will be spread to no more than 4". Any resultant gradient changes beneath the powerlines will be brought to the attention of BPA.

A two week prior notification will be made to BPA contact personnel for the start up phase of the excavation.

The project will have approval by Blachly-Lane Electric Coop particularly in regard to access to their power pole in the project vicinity

H. BUDGET:

<u>item</u>	<u>provider</u>	<u>amount</u>
excavation/grading/shaping, vegetation removal, wood placement	contractor	\$7000*
blackberry removal, replanting	SSWCD	\$1500
plant materials, site preparation, and planting	contractor/SSWCD	\$2000*
large woody debris and rootwads	BPA	inkind
topographic survey	NRCS/SSWCD	inkind
administration	SSWCD	\$500*
monitoring	SSWCD	\$1500*
<u>project coordination</u>	<u>SSWCD</u>	<u>inkind</u>
TOTAL		\$12500
*requested from the State		\$11000

WALTON BPA SUBSTATION WETLAND RESTORATION PROJECT

MONITORING PLAN

Project Goal:

Restore 7 acres of freshwater wetlands in Chickahominy Creek floodplain.

Objectives:

Water Regime: Reestablish wetland hydrology to 7 acres of floodplain.

Habitat Attribute: Improve habitat conditions for amphibians.

Vegetation: Reestablish native hydrophytic vegetation throughout reconstructed area (see project description)

Success Criteria:

Water Regime: Seasonal flooding occurs regularly with streamflow at bankfull stage and higher.

Soil saturation or shallow inundation (maximum of 3' deep) will be re-established such that the new wetland area exhibits indicators of wetland hydrology as described in the 1987 Corps of Engineers Wetland Delineation Manual. Such indicators include, but are not limited to stream gauge data, direct observation of saturation or inundation, drift lines, sediment deposition, or drainage patterns.

Habitat Attribute: Document use by at least two species of amphibians.

Vegetation: Native hydrophytic plants will reach an average density of 2 plants/square meter in the wetland; trees and shrubs on the streambank will be planted on 10' x 10' spacing and will reach an average density of 300 trees and/or shrubs per acre within the monitoring period; nonhydrophytic native herbaceous vegetation will provide a minimum of 50% ground cover within the upland area.

Components to be Monitored:

Restoration of hydrological conditions

blackberry control and reestablishment of native plants

revegetation of eroded banks

amphibian species increase use in the wetland

Monitoring Methods:

Vegetation: photopoints; plots and transects to document density of plants and ground cover

Amphibians: live trap at least two species

Hydrology: collect streamflow data (where available); photopoints

Monitoring Schedule:

7/2001 - establish photopoints

8/2001 - photograph construction

3/2002 - complete plantings; establish vegetation sampling transects (6), plots (3-one meter square), and baseline data

5/2002 - monitor transects and plots, trap amphibians

11/2002 - first monitoring report due

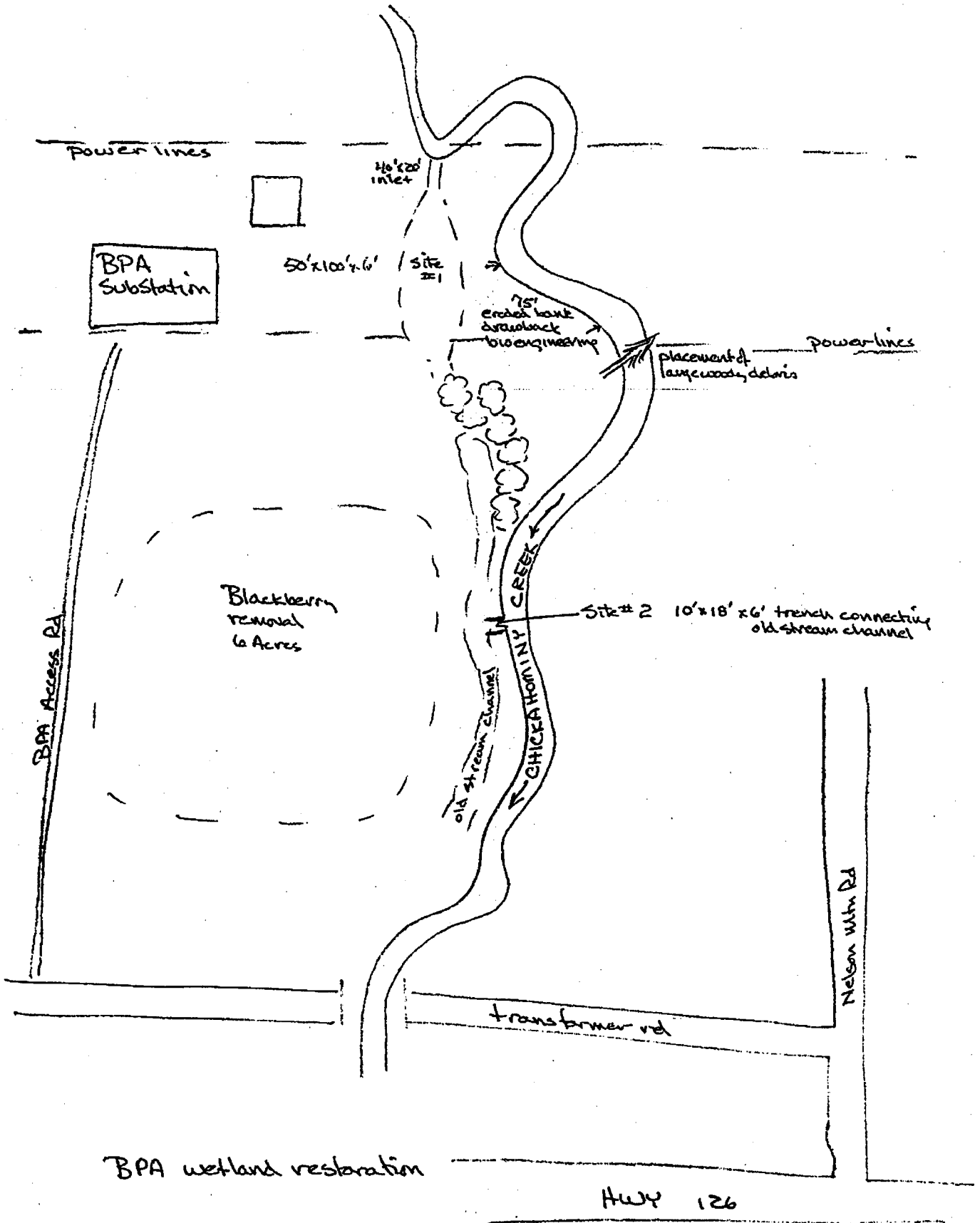
5/2003 - monitor transects and plots, trap amphibians

11/2003 - monitoring report due

5/2004 - monitor transects and plots, trap amphibians

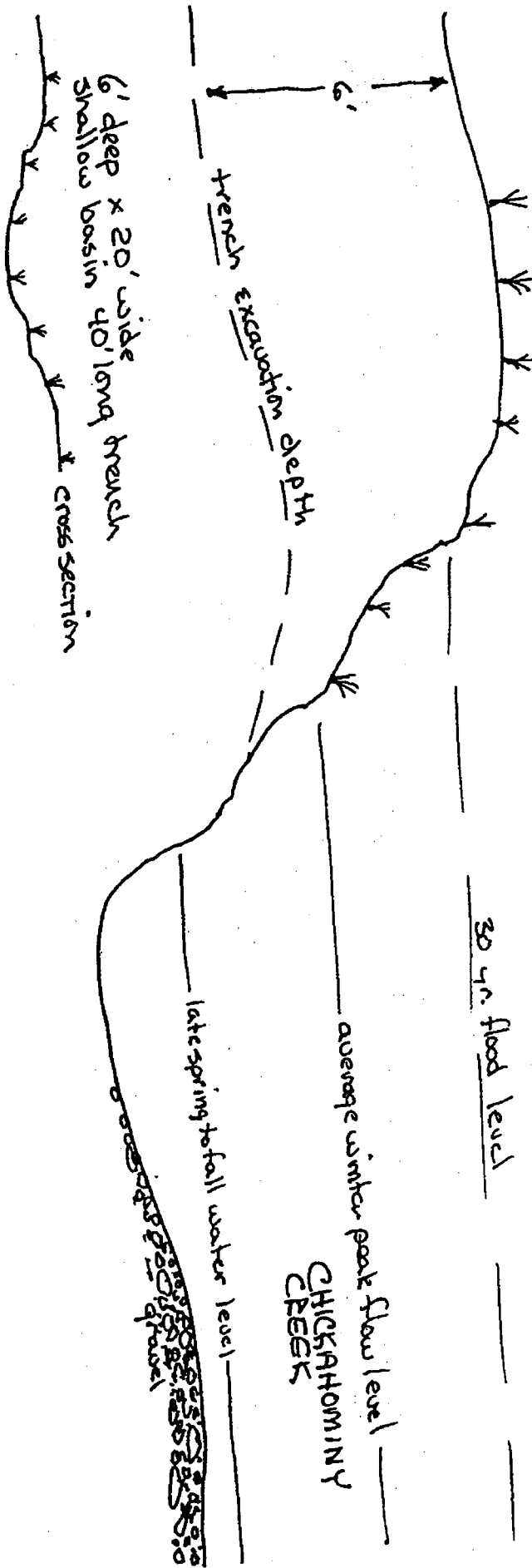
11/2004 - monitoring report due

Site Plan

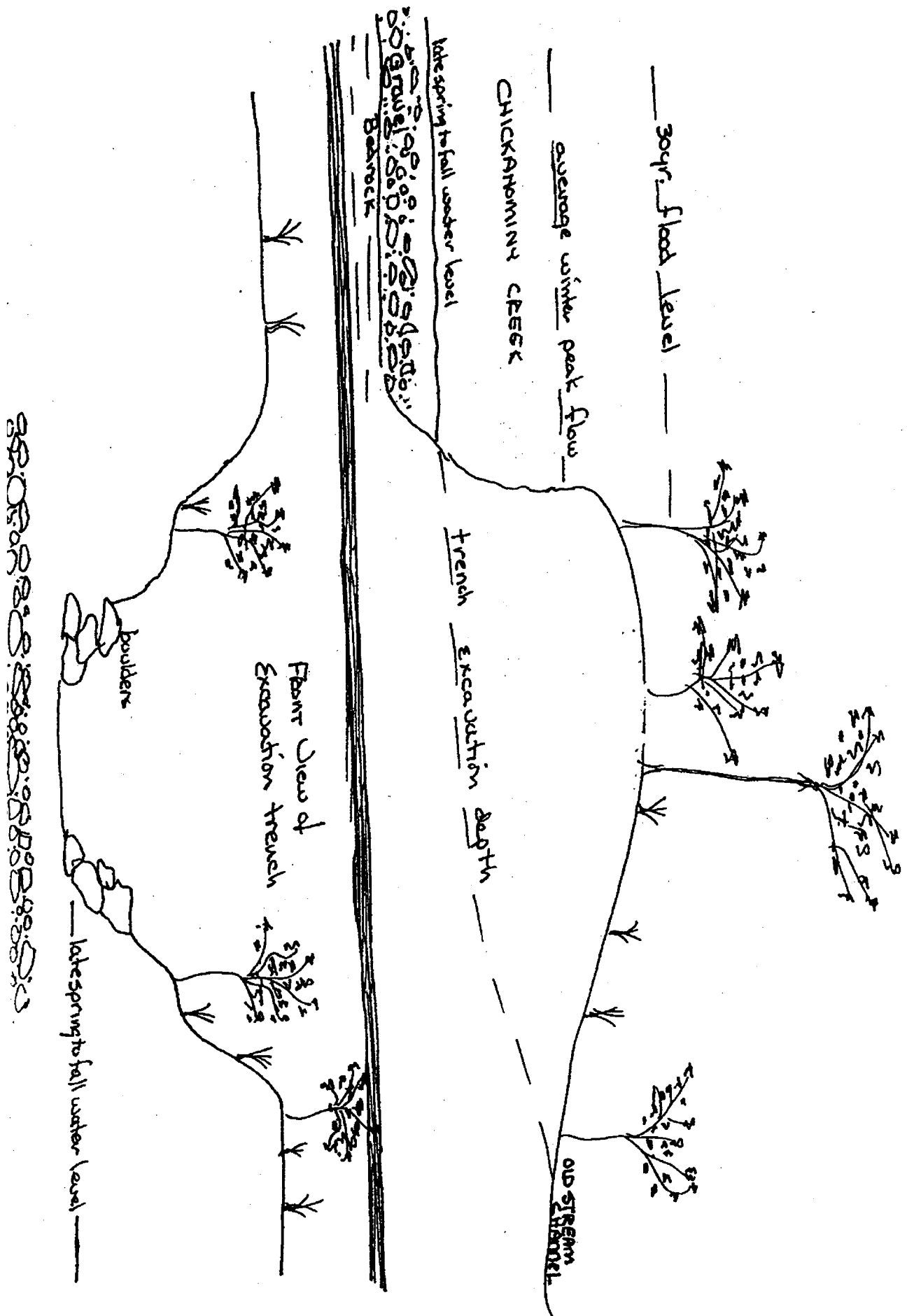


BPA wetland restoration

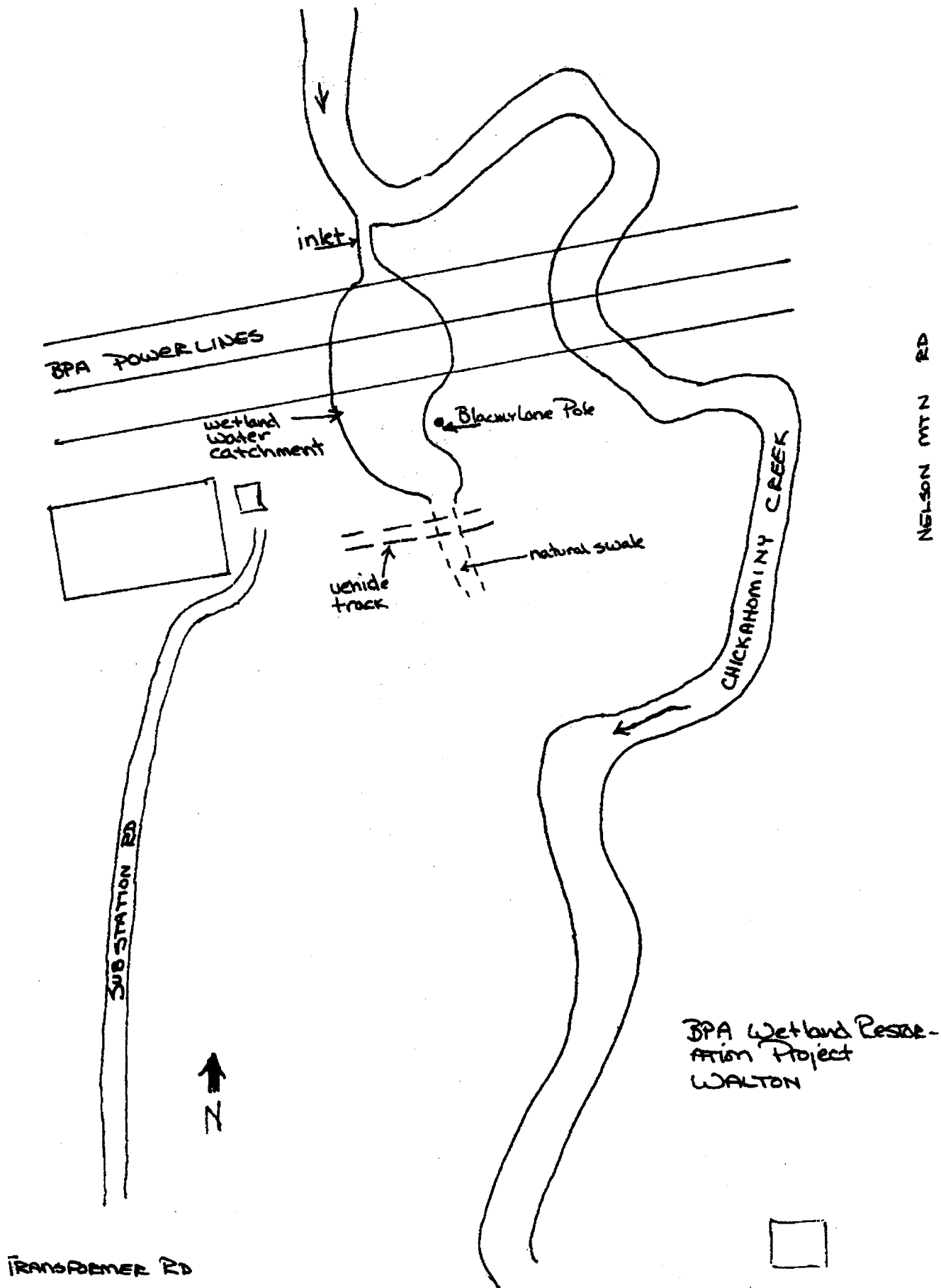
Site #1
INLET EXCAVATION
CROSS SECTION



Side View
Cross Section
Site #2



Dave Eisler (Siuslaw Soil and Water Conservation District) met with Bill Gabriel (Blachly Lane manager) on 5/2000 and with Chris Myers (Blachly Lane lineman) on 8/24/01 and developed the following understandings. The proposed wetland water catchment project poses no foreseeable problems to the adjacent Blachly Lane utility pole. The main concern is for maintenance access to the pole during the summer months. There is an existing vehicle track leading to the pole which crosses a shallow swale. The project will not significantly alter this access. The SWCD will monitor the project for a minimum of five years and will assure that the access remains unchanged. If there are any changes to the project which may effect the pole or the access to the pole the SWCD will notify Blachly Lane. Excavation will not occur closer than 15 feet from the utility pole.



Gerig, Donald - TRF/Alvey

From: Ex 6
Sent: Tuesday, August 14, 2001 1:17 PM
To: Ex 6
Subject: 2 added concerns/project description

Ex 6

Attached is the revised project description with the two concerns added, changes in elevations and 2 week prior notice (which I'm hoping can be flexible).

I'm heading out to D.C. tomorrow and will be back next Wed but I'll be in touch with my email during that time.

Ex 6

**WALTON BPA SUBSTATION SITE
WETLAND RESTORATION PROJECT PROPOSAL**

SIUSLAW SOIL AND WATER CONSERVATION DISTRICT

in cooperation with Bonneville Power Administration, the Blachly-Lane Electric Cooperative, the Oregon Division of State Lands, and the Natural Resources Conservation Service

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Annual monitoring will document the following parameters: vegetation, vertebrates/invertebrates, photographic record, structures, weather/climatic factors. The Siuslaw SWCD will be responsible for monitoring. The SSWCD employs two aquatic habitat specialists who will be available for documenting vegetation changes, success of plantings and construction, numbers and kinds of vertebrates/invertebrates using the site, continuing the photographic record, and will include weather data.

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Endangered species - all ESA/NEPA guidelines will be strictly adhered to; specifically, fish entrapment was a concern; while the project is designed to create wetland characteristics rather than provide offchannel refuge for juvenile fish, an escape will be accessible should fish enter the overflow area; the entrance to the channel will be in the upper level of high water flows where young fish would not be present

Site maintenance - The project was designed to be low maintenance, and does not include construction of major structures requiring expensive upkeep; maintenance will be done as needed by the Siuslaw Soil and Water Conservation District

Safety concern of having construction equipment in close proximity to high voltage lines/station - all BPA recommendations will be followed

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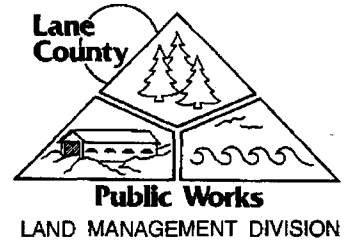
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The project will have approval by Blachly-Lane Electric Coop particularly in regard to access to their power pole in the project vicinity

H. BUDGET:

<u>item</u>	<u>provider</u>	<u>amount</u>
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blackberry removal, replanting	SSWCD	\$1500
plant materials, site preparation, and planting	contractor/SSWCD	\$2000*
large woody debris and rootwads	BPA	inkind
topographic survey	NRCS/SSWCD	inkind
administration	SSWCD	\$500*
monitoring	SSWCD	\$1500*
<u>project coordination</u>	<u>SSWCD</u>	<u>inkind</u>
TOTAL		\$12500
*requested from the State		\$11000



DATE: August 13, 2001

TO: Siuslaw Soil and Water Conservation District

CC: Oregon Division of State Lands

RE: Walton BPA Substation - Wetland Restoration Project.

I have reviewed the proposed wetland restoration project and find it to be in compliance with Lane County Rural Comprehensive Plan Policies and Lane Code.

Restoration of wetlands is permitted and encouraged. Enhancement and restoration projects coordinated through the Siuslaw Soil and Water Conservation District are exempt from our riparian standards in acknowledgement of the SWCD experience and expertise in planning and implementing such activities.

Good luck on your project.

A handwritten signature in black ink, appearing to be "Bill Sage".

Bill Sage, Associate Planner
Land Management Division
541 682-3772





Oregon

John A. Kitzhaber, M.D., Governor

August 7, 2001

TW02/24188
SIUSLAW SOIL & WATER CONSERVATION DISTRICT
Ex 6
1525 12TH ST SUITE F
FLORENCE OREGON 97439

Division of State Lands
775 Summer Street NE, Suite 100
Salem, OR 97301-1279
(503) 378-3805
FAX (503) 378-4844
<http://statelands.dsl.state.or.us>

State Land Board

John A. Kitzhaber
Governor

Bill Bradbury
Secretary of State

Randall Edwards
State Treasurer

**RE: General Authorization for Wetland Enhancement and Restoration
DSL Application Number 24188-GA**

Dear Ms. Danks:

The Division of State Lands received a completed application for your proposed wetland enhancement restoration project (Section 6, T 18S, R 7W, Chickahminy Creek, Lane County). The Division has reviewed the project against the criteria listed in the General Authorization for Wetland Restoration and Enhancement, adopted as administrative rule OAR 141-89-020. **The Division finds that the proposed project qualifies for the general authorization and therefore approves the project under the terms of this letter and the attached operation conditions of OAR 141-89-0020(6).**

Please be aware that you must also receive authorization, when required, from the local planning department and the U.S. Army Corps of Engineers before beginning construction. A water right permit or pond registration may be required by the Water Resources Department.

Thank you for putting forth the energy and effort to restore wetlands on your property. When the work is complete, please inform me in writing. Also, I would appreciate receiving photographs of the restoration/enhancement area.

Sincerely,

A handwritten signature in cursive script, appearing to read "Lori Warner".

Lori Warner
Manager
Field Operations - Western Region

KF:lpw
to:Attachment1westLASIGAI24188 GA Wetland.doc

Enclosures: Check to Siuslaw SWCD, Signed MOA for Walton BPA Wetland Restoration, Wetland Rules

c: Chris Thoms, U.S. Army Corps of Engineers
Larry Devroy, DSL

ATTACHMENT F

MEMORANDUM OF AGREEMENT
Walton BPA Wetland Restoration

This agreement is signed by the Siuslaw Soil and Water Conservation District (Siuslaw SWCD), and the State of Oregon acting through its Division of State Lands (the "State").

I. Recital

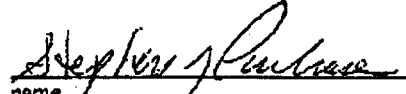
- 1.1 The parties agree that \$11,000 is provided from the Wetland Mitigation Bank Revolving Fund, established according to ORS 196.640, to Siuslaw Soil and Water Conservation District.
- 1.2 The \$11000 total is to be spent approximately as follows: excavation/grading/shaping, vegetation removal, wood placement: \$7000; plant materials/site preparation and planting: \$2000; monitoring: \$1500; administration: \$500.
- 1.3 The funds allocation described above will be used exclusively for approximately 10 acres adjacent to Chickahominy Creek, wetlands with 2 acre riparian area, as shown on the attached map. Grading activities will include restoration of the creek floodplain and adjacent wetland habitats as shown in the attached application for the General Authorization (GA).
- 1.4 This project will be authorized by DSL as GA 24188 for wetland enhancement.
- 1.5 If any of these monies are not used for the above stated purposes, except to expand the project (with prior approval of DSL), Siuslaw SWCD agrees to return them in full to the State unless express written consent is obtained from the State to utilize them for a similar purpose. Any changes from the original plan require that Siuslaw SWCD notify the State verbally or in writing and obtain the State's approval.
- 1.6 Monitoring is to be performed by Siuslaw SWCD and/or their representatives according to the Monitoring Plan attached to this MOA which is also part of the above referenced GA. The first annual monitoring report is due no later than November 30, following the first full growing season after completion of the grading and initial planting and for two (2) years thereafter unless remedial actions become necessary. In the event of failure, additional actions and monitoring may be required. Funding for additional actions and monitoring will be provided at the discretion of the State.
- 1.7 Additional funding for this project may be provided at the discretion of the State.

This agreement shall take effect upon signature by both parties and shall endure until the State releases Siuslaw SWCD from further obligations after three (3) years of monitoring and demonstration of ecological success to the State's satisfaction.

Siuslaw Soil and Water Conservation District

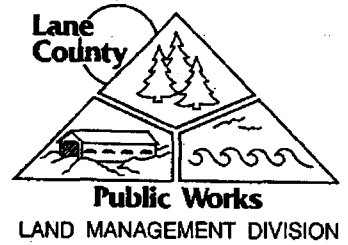
State of Oregon, Division of State Lands


name


name

Treasurer 5/22/01
title date

Assistant Director 6/12/01
title date



DATE: August 13, 2001

TO: Siuslaw Soil and Water Conservation District
Ex 6

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Land Management Division
541 682-3772



**WALTON BPA SUBSTATION SITE
WETLAND RESTORATION PROJECT PROPOSAL**

SIUSLAW SOIL AND WATER CONSERVATION DISTRICT

in cooperation with Bonneville Power Administration, the Blachly-Lane Electric Cooperative, the Oregon Division of State Lands, and the Natural Resources Conservation Service

SUMMARY: Restoration of the freshwater wetlands in the floodplain of Chickahominy Creek, near its confluence with Wildcat Creek will be achieved through restoration of the hydrological conditions, control of invading introduced plants (primarily blackberry) and reestablishment of native plant species. The project also aims to reduce sediment load in Chickahominy Creek by revegetation of eroding vertical banks, enhance habitat conditions for amphibians, and improve fish habitat in Chickahominy Creek.

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TOTAL		\$12500
*requested from the State		\$11000

WALTON BPA SUBSTATION WETLAND RESTORATION PROJECT

MONITORING PLAN

Project Goal:

Restore 7 acres of freshwater wetlands in Chickahominy Creek floodplain.

Objectives:

Water Regime: Reestablish wetland hydrology to 7 acres of floodplain.

Habitat Attribute: Improve habitat conditions for amphibians.

Vegetation: Reestablish native hydrophytic vegetation throughout reconstructed area (see project description)

Success Criteria:

Water Regime: Seasonal flooding occurs regularly with streamflow at bankfull stage and higher.

Soil saturation or shallow inundation (maximum of 3' deep) will be re-established such that the new wetland area exhibits indicators of wetland hydrology as described in the 1987 Corps of Engineers Wetland Delineation Manual. Such indicators include, but are not limited to stream gauge data, direct observation of saturation or inundation, drift lines, sediment deposition, or drainage patterns.

Habitat Attribute: Document use by at least two species of amphibians.

Vegetation: Native hydrophytic plants will reach an average density of 2 plants/square meter in the wetland; trees and shrubs on the streambank will be planted on 10' x 10' spacing and will reach an average density of 300 trees and/or shrubs per acre within the monitoring period; nonhydrophytic native herbaceous vegetation will provide a minimum of 50% ground cover within the upland area.

Components to be Monitored:

Restoration of hydrological conditions

blackberry control and reestablishment of native plants

revegetation of eroded banks

amphibian species increase use in the wetland

Monitoring Methods:

Vegetation: photopoints; plots and transects to document density of plants and ground cover

Amphibians: live trap at least two species

Hydrology: collect streamflow data (where available); photopoints

Monitoring Schedule:

7/2001 - establish photopoints

8/2001 - photograph construction

3/2002 - complete plantings; establish vegetation sampling transects (6), plots (3-one meter square), and baseline data

5/2002 - monitor transects and plots, trap amphibians

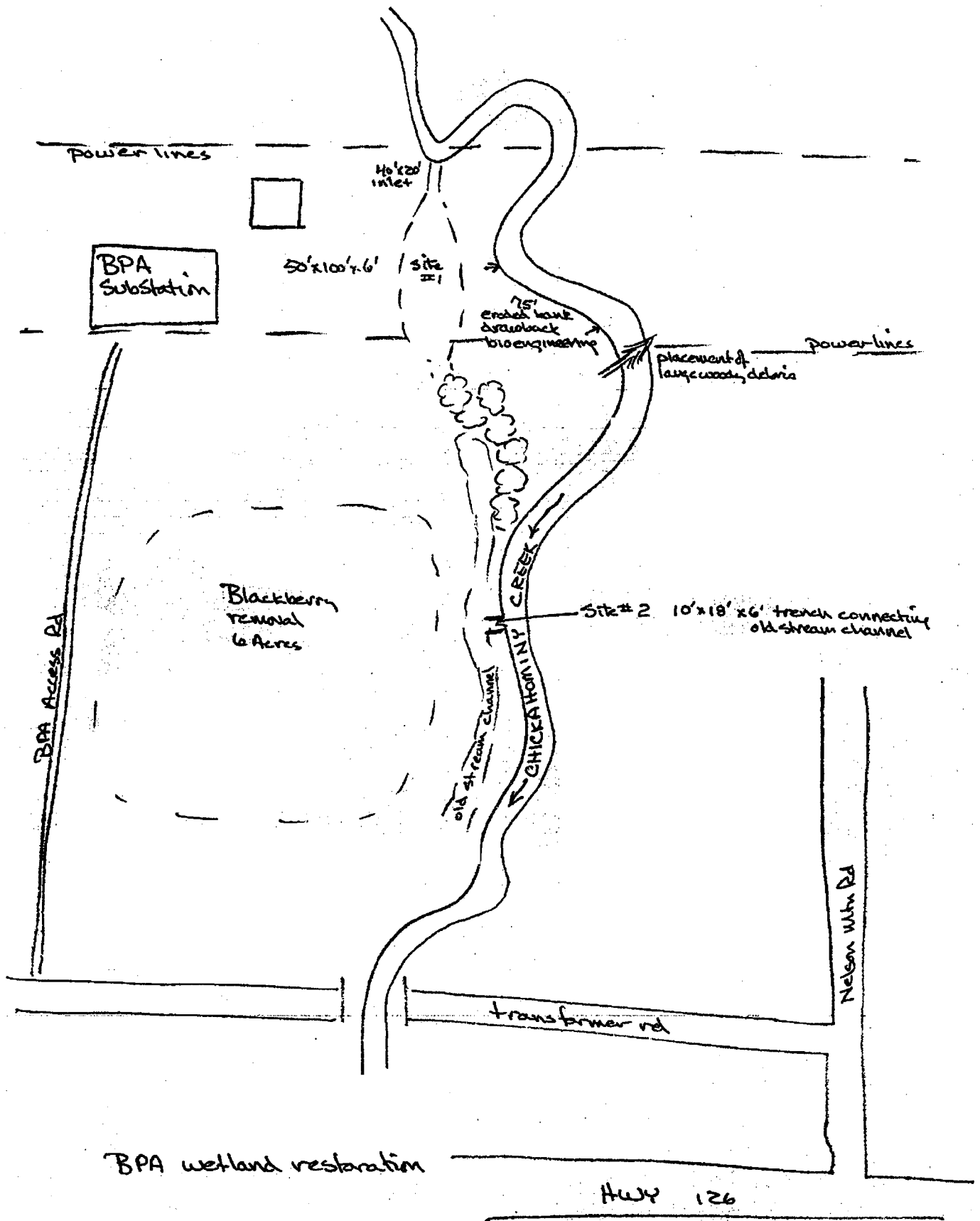
11/2002 - first monitoring report due

5/2003 - monitor transects and plots, trap amphibians

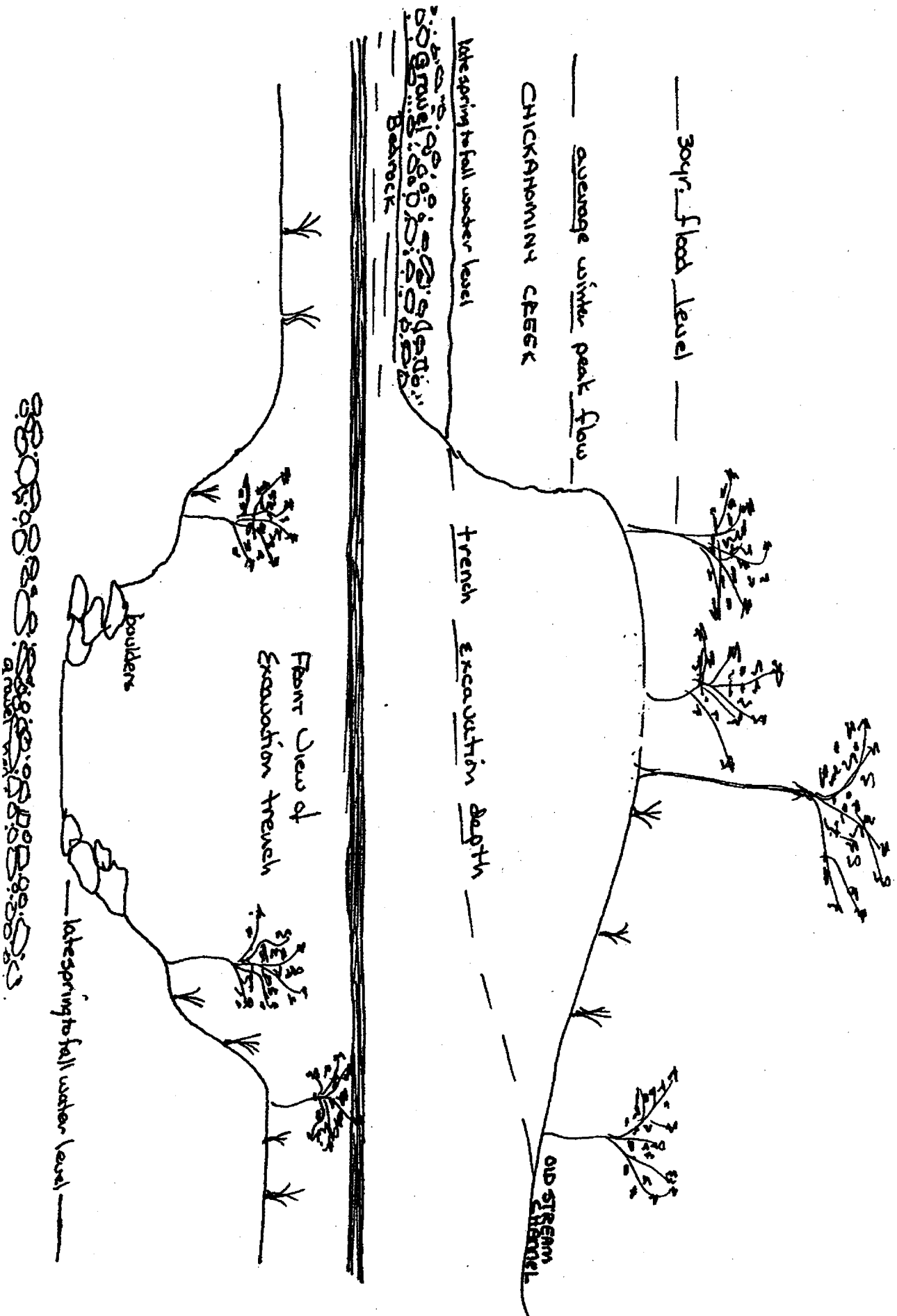
11/2003 - monitoring report due

5/2004 - monitor transects and plots, trap amphibians

11/2004 - monitoring report due



Side View of
Cross Section Site #2



DIVISION OF STATE LANDS WETLAND ENHANCEMENT/RESTORATION GENERAL AUTHORIZATION REPORTING FORM

DSL Project No. _____

1. ORGANIZATION Suslaw Sal + Water Telephone 541-947-1272
Address Conservation District Contact Person Ex 6
1625 12th Street Suite F
Florence Oregon 97439

2. TYPE OF PROJECT
- Ditch Plugging
 - Dike Construction
 - Surface Grading
 - Dike Removal
 - Drain Tile Removal
 - Water Diversion of _____ (stream)
 - Water Impoundment of _____ (stream)
 - Bank Excavation of _____ (stream)
 - Other (describe) _____ (stream)

3. PROJECT DESCRIPTION Explain, in detail, what will be done and what the project will accomplish for wetland restoration/enhancement. (Attach any additional sheets and drawings and information listed in item #6.)
see attached

4. LOCATION (Attach a map or aerial photograph that shows the project location)
Drainage Basin Chickahominy Nearest Stream Chickahominy County Lane
Section 6 Creek Township 185 Range 7W

5. ODFW REVIEW
- I have reviewed this project and concur that it will provide benefit to Oregon's wildlife resources.
 - There are no known occurrences of state listed threatened or endangered species on the site.
 - The following state listed or endangered species occur on the site.

David W. Wall NRS II Ex 6 8/22/01
ODFW Signature Title Phone No. Date

6. APPLICATION MATERIALS REQUIRED

- Vicinity map showing location
- Photographs of the site
- Restoration/Enhancement description:
 - Resource enhancement goals/objectives
 - Aerial extent of alteration
- Cross section or grading plan showing existing grades and proposed grades including slope ratios
- Approximate cubic yardage of material to be filled, moved, or altered
- Site plan (scale at least 1" = 400') showing
 - existing conditions (show wetland, streams, etc.)
 - proposed construction activities
 - location of proposed placement of any removed material
 - water inlets, outlets, or control structures

Please return completed form and application materials to: Division of State Lands—Western Region
775 Summer St. NE
Salem, OR 97310-1337



State of Oregon
Water Resources Department
 158 12th Street NE, Salem, OR 97310
 (503)378-8455 • (800)624-3199
 www.wrd.state.or.us

Application for a Permit to Store Water

Alternate Review Process (ORS 537.409)

You may use this form for any reservoir storing less than 9.2 acre-feet or with a dam less than 10 feet high.

Use a separate form for each reservoir.

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a."

1. APPLICANT INFORMATION

Landowner: Bonnesville Power Administration
First Last

Authorizing Agent: [Signature] Ex 6
First Last

Mailing address: 86000 Hwy 99 South
Eugene OR 97405
City State Zip

Phone: 541-465-1000
Home

*Fax: 541-465-6567 Ex 6

*Optional information

2. LI

You can replace the top two pages with your originals. I've included an ODFW signed page + the Blaschly lease agreement for you file.

A. Reservoir name: unnr

B. Source
 Provide the name of the water body or name of the stream or lake it flows into spring or stream.

Source: Chickahominy Cree

Ex 6



C. Reservoir Location

township	range	section	quarter/quarter	tax lot no.
18	7	6	NE 1/4 + SW 1/4	1800

D. Dam
 Maximum height of the dam: 6' depth in center feet.



3. WATER USE

A. **Quantity:** Amount of water to be stored in the reservoir at maximum capacity: .37 acre-feet

B. **Use:** Indicate the proposed use(s) of the stored water (see list to the left). wetland, wildlife

Note: If you intend to use this stored water outside of the reservoir you must also file an application to use surface water.

C. **Water Rights:** What water rights, if any, have been issued for this reservoir? (Indicate permit or certificate number.)
none

4. ENVIRONMENTAL IMPACT

A. **Channel:** Is the reservoir in stream or off channel? Yes No

B. **Wetland:** Is the project in a wetland? Yes No Don't Know

C. **Existing:** Is this an existing reservoir? Yes No

If yes, how long has it been in place? _____ years

D. **Fish Habitat:** Is there fish habitat upstream of the proposed structure? Yes No Don't Know

If yes, how much? B+ miles

E. **Partnerships:** Have you been working with other agencies?

Yes No

Indicate agency, staff and phone numbers of those involved. Also indicate any agencies that are cost sharing in the project.

Siuslaw Soil & Water Conservation District Ex 6
Natural Resources Conservation Service
Division of State Lands

5. SIGNATURE

I swear that all statements made and information provided in this application are true and correct to the best of my knowledge.

BPA: by [Signature] Ex 6 8-16-01
Landowner Date

Before you submit your application be sure you have:

- Answered each question completely.
- Included a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included a check payable to Oregon Water Resources Department for the appropriate amount.



Oregon Water Resources Department Land Use Information Form

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT fill out this form if water is to be diverted, conveyed, or used only on federal lands.

Date <u>2/23/01</u>	# of pages <u>2</u>	
From	Co.	Phone #
To	Co./Dept.	Phone #
7671	EX 6	EX 6
Post-It® Fax Note	Phone #	Fax #

To Be Completed By Applicant

The following section includes information about proposed water use. This section must be completed by the individual or group that is filing an application for a water right with the Water Resources Department.

A. Applicant
 Name: Bonneville Power Administration
 Address: 86000 Hwy 99 South
 City: Eugene State: OR Zip: 97405 Day Phone: 541-465-6560

B. Land and Location
 Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
1800		<input checked="" type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used

List counties and cities where water is proposed to be diverted, conveyed, or used. Lane County

C. Description of Water Use
 Indicate what the water will be used for. Include the beneficial use (found in the instruction booklet for your water right application) and use the space below to describe the key characteristics of the project.
 Beneficial Use(s): Wetland restoration, wildlife
 Briefly describe: High flow (Dec. to March) water from Chickahominy Creek will be diverted to a shallow excavated basin 50'x100'x 6' deep in center in order to create habitat for amphibians + reptiles (turtles) during + the spring and early summer

D. Source
 Indicate the source for the proposed water use:
 Reservoir/Pond Ground Water Surface Water Chickahominy Creek
(source)

E. Quantity
 Indicate the estimated quantity of water the use will require:
.37 CFS GPM Acre-Feet

Receipt for Request for Land Use Information

State of Oregon
 Water Resources Department
 Commerce Bldg.
 158 12th St. NE
 Salem, OR 97310-0210
 (503)378-8455

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless your project will be located entirely within the city limits. In this case, only the city planning agency must complete this form. Please request additional forms as needed or feel free to copy.

A. Allowed Use

Check the appropriate box below and provide requested information.

- Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): LC 16.212(2)(V) Go to section B "Approval" below
POLICIES - COANS / LC 16.253(2)(4)(V)
- Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

Type of Land Use Approval Needed (e.g. plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Check the item that applies: Land Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued

Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus accompanying findings is sufficient.)

B. Approval

Please provide printed name and written signature.

Name: WILLIAM SAGE Date: 8/22/2001
 Title: ASSOCIATE PLANNER Phone: EX 6
 Signature: [Signature]

C. Additional Comments

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet.

Note: If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. You will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD will presume the land use associated with the proposed water right is compatible with local comprehensive plans. (See attached letter.)

Receipt for Request for Land Use Information

Name of water right applicant: SUSAN SWCD - WACCA BPA PROJECT

This receipt must be signed by a local government representative and returned to the applicant at the time they present this form. This receipt must be included in the application for a water right permit if the local government cannot provide the requested land use information while the applicant waits.

City or County: LAKE COUNTY
 Staff contact: WILLIAM SAGE Phone: EX 6
 Signature: [Signature] Date: 8-22-2001

Water Resources Department will use this and other information to evaluate the water use application. DO NOT fill out this form if water is to be diverted, conveyed, or used only on federal lands.

To Be Completed By Applicant

The following section includes information about proposed water use. This section must be completed by the individual or group that is filing an application for a water right with the Water Resources Department.

A. Applicant

Name: Bonnaville Power Administration
 Address: 86000 Hwy 99 South
 City: Eugene State: OR Zip: 97405 Day Phone: 541-465-6560

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
<u>1800</u>		<input checked="" type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used
		<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used

List counties and cities where water is proposed to be diverted, conveyed, or used. Lane County

C. Description of Water Use

Indicate what the water will be used for. Include the beneficial use (found in the instruction booklet for your water right application) and use the space below to describe the key characteristics of the project.

Beneficial Use(s): Wetland restoration, wildlife

Briefly describe: High flow (Dec. to March) water from Chickahominy Creek will be diverted to a shallow excavated basin 50'x100'x6" deep in order to create habitat for amphibians + reptiles (turtles) during the spring and early summer.

D. Source

Indicate the source for the proposed water use:

Reservoir/Pond Ground Water Surface Water Chickahominy Creek
(source)

E. Quantity

Indicate the estimated quantity of water the use will require:

.37 CFS GPM Acre-Feet

Receipt for Request for Land Use Information

Type of Land Use Approval Needed (e.g. plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Check the item that applies: Land Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued

Note: Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus accompanying findings is sufficient.)

B. Approval

Please provide printed name and written signature.

Name: _____ Date: _____

Title: _____ Phone: _____

Signature: _____

C. Additional Comments

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet.

Note: If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. You will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD will presume the land use associated with the proposed water right is compatible with local comprehensive plans. (See attached letter.)

Receipt for Request for Land Use Information

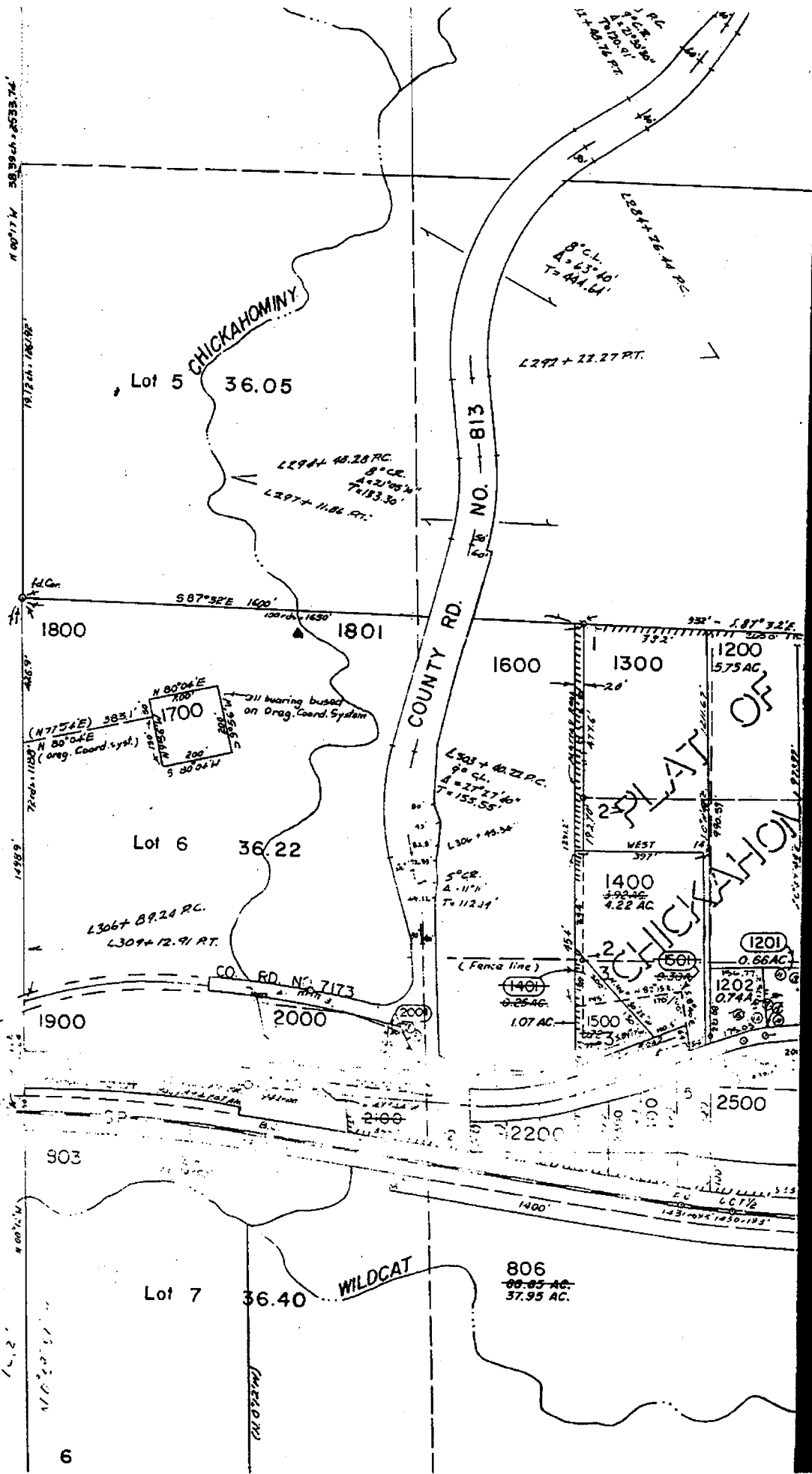
Name of water right applicant: Bonnesville Power Administration

This receipt must be signed by a local government representative and returned to the applicant at the time they present this form. This receipt must be included in the application for a water right permit if the local government cannot provide the requested land use information while the applicant waits.

City or County: _____

Staff contact: _____ Phone: _____

Signature: _____ Date: _____



▲ Point of Diversion

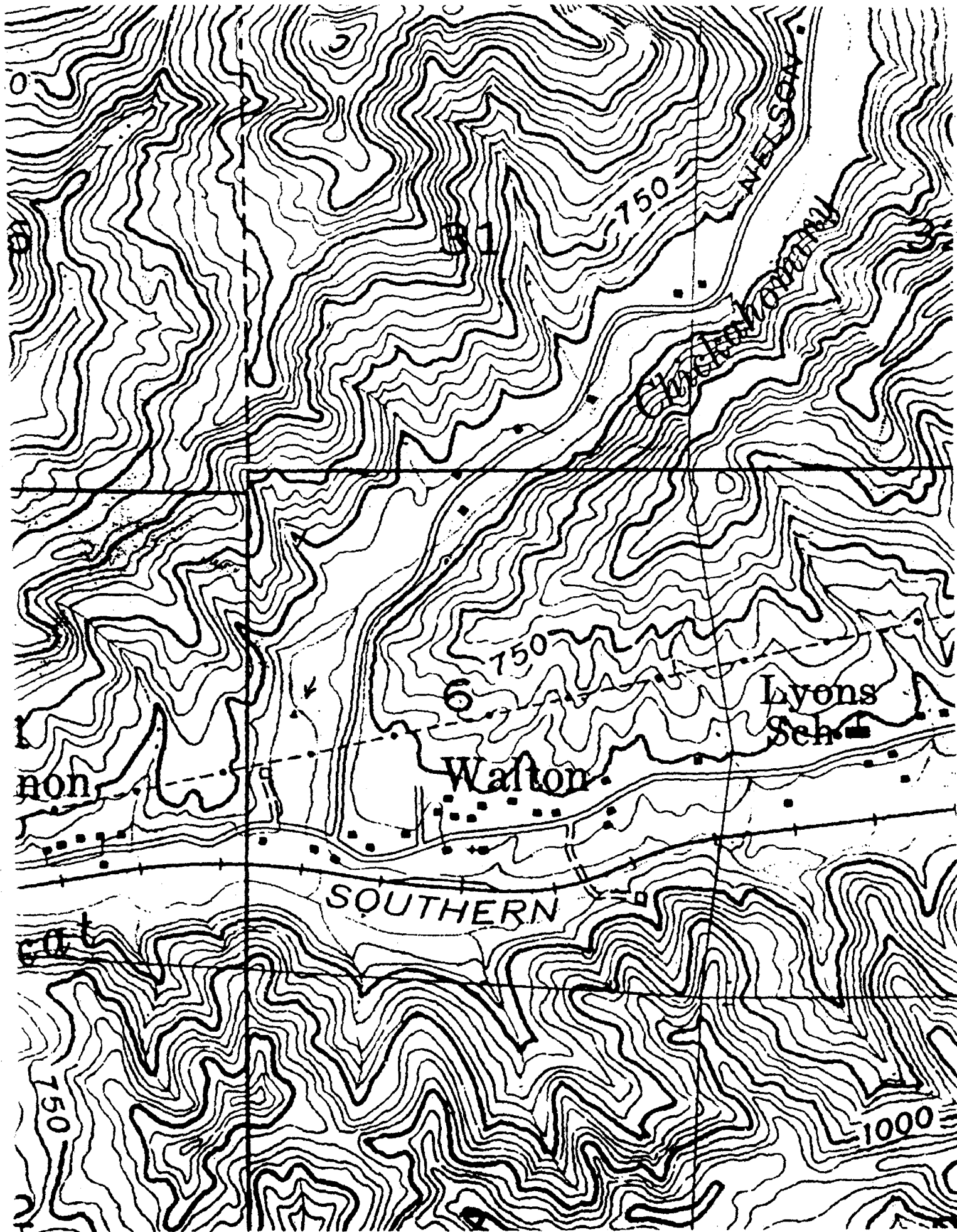
See Map 18 08 01

T.L. 809-811

1. S. 81° 45' 22" W - 37.52'
2. S. 49° 07' 43" W - 71.12'
3. S. 22° 16' 06" W - 71.06'
4. S. 12° 24' 07" W - 49.86'
5. S. 05° 51' 15" E - 49.70'
6. S. 08° 23' 24" E - 132.05'
7. S. 34° 55' 31" W - 29.55'
8. S. 05° 14' 28" W - 49.47'
9. S. 14° 12' 42" W - 102.88'
10. S. 15° 13' 07" E - 28.00'
11. S. 00° 02' 50" W - 162.42'
12. S. 00° 02' 50" W - 32.96'
13. S. 28° 11' 16" W - 71.00'
14. S. 13° 55' 55" E - 55.09'
15. S. 02° 25' 02" E - 125.57'
16. S. 11° 33' 50" W - 53.48'
17. N. 85° 02' 31" E - 180.45'
18. 62° 24' 68" - N. 89° 26' 38" E
19. 62° 25' 48" - N. 72° 45' 01" E
20. 62° 29' 44" - N. 64° 14' 01" E

- PARCEL NO 2001
5. S. 51° 31' 00" E. 34.87'
 9. S. 40° 04' 51" E. 41.91'
 10. N. 84° 07' 15" E. 65.00'

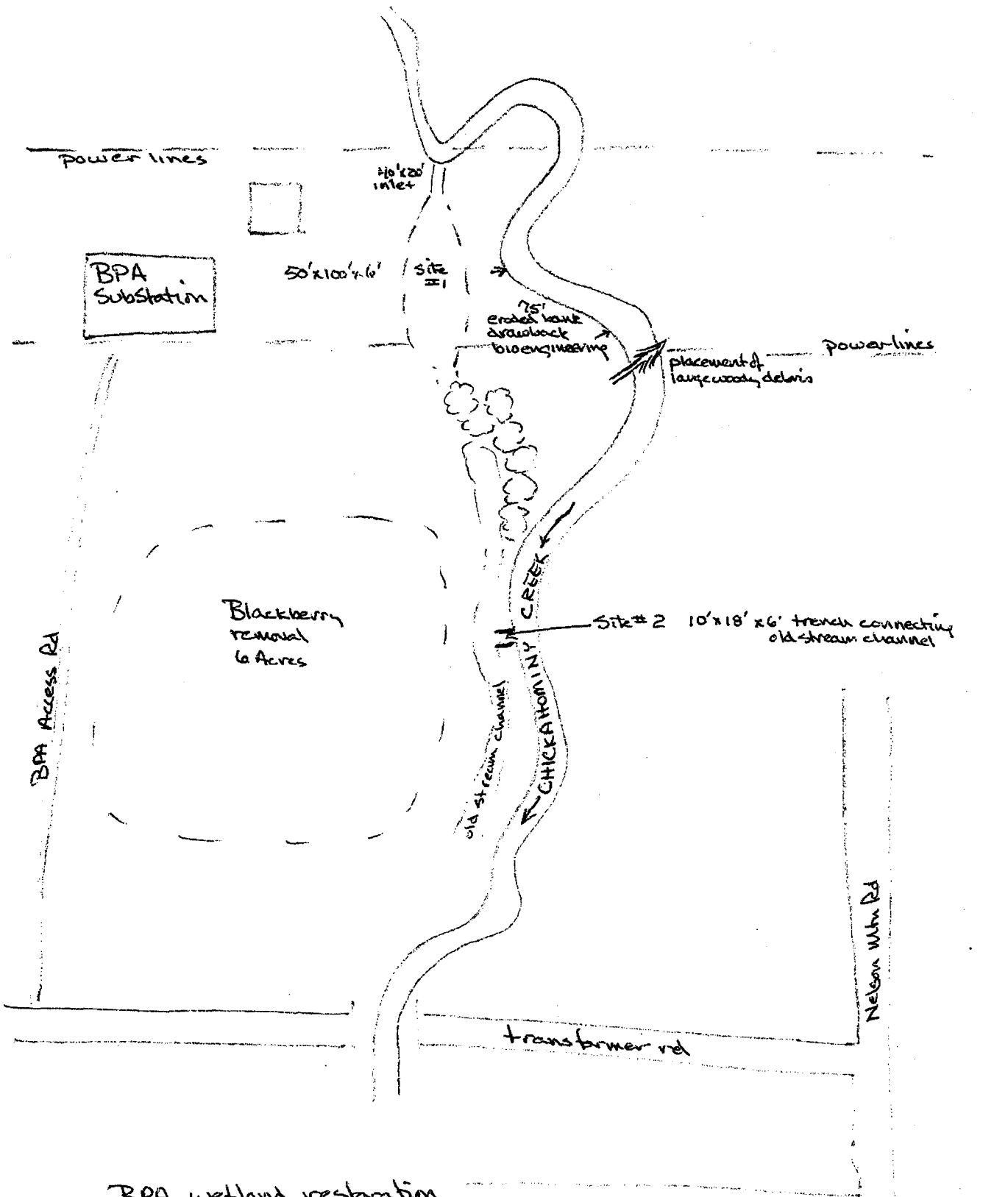
- PARCEL NO. 1201
11. S. 89° 48' 12" W. 117.89'
 12. S. 04° 06' 07" E. 175.20'
 13. N. 77° 34' 32" E. 1.16'
 14. N. 79° 02' 47" E. 59.82' R=1165.85'
 15. N. 83° 50' 36" E. 201.69'
 16. N. 85° 31' 02" E. 99.02'
 17. N. 00° 24' 39" E. 16.78'
 18. N. 84° 49' 21" W. 253.63'
 19. N. 00° 49' 44" W. 94.50'





Site Plan

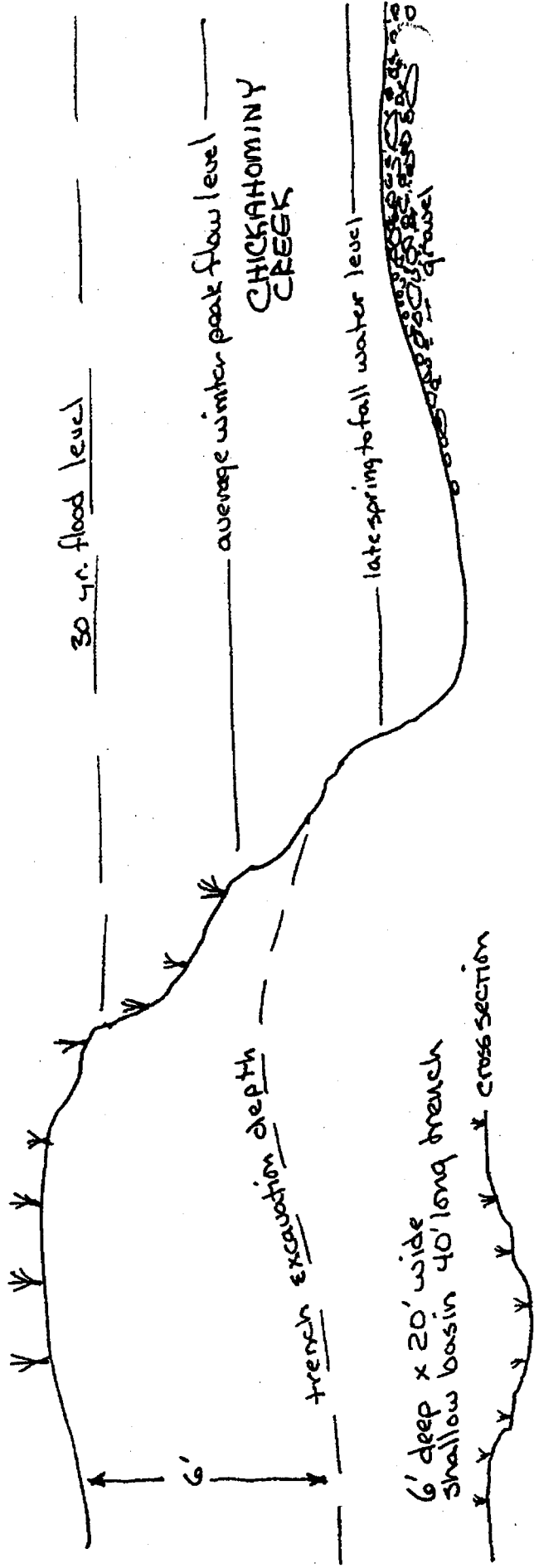
Attachment E



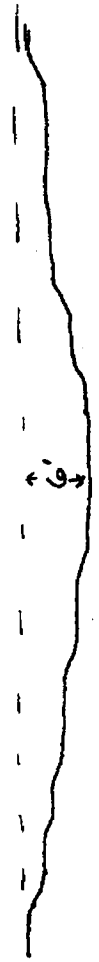
BPA wetland restoration

HWY 126

Site #1
 INLET EXCAVATION
 CROSS SECTION



Pond 50' wide x 6' deep cross section



9-12-2000

Ex 6

I have enclosed a map of the BPA tax lot, an aerial color photo of the general area, your enlarged aerial black and white photo at a scale of 1" = 30' with elevations, a sketch of the diversion at site #2, and a narrative describing the proposed project. We will be submitting this to the Division of State Lands for review but we would like to know if this project is agreeable to your agency. Kate Danks had mentioned to you that NRCS would be willing to fund the removal of the invasive species Himalayan Blackberry which is present on approximately 6 acres of the property. Also, you had a concern that the opening of the old stream channel at site #2 would possibly push water towards the culvert at the access road. Our design allows the flow to recede with the water level in the main channel and the angle of the inlet/outlet does not "push" water into the old channel but allows a more passive filling. As water levels reach flood stage and exceed the banks and the 95 foot elevation, site#2 project will have neither a positive nor a negative effect on the culvert and road.

Ex 6

RIPARIAN HABITAT IMPROVEMENT ON BPA PROPERTY ON CHICKAHOMINY CREEK

SETTING

Chickahominy Creek is within a 7832 acre (12.2 square mi) basin and is a sub basin of Wildcat Creek, a tributary of the Siuslaw River. The channel length is 7.5 mi. The lower 1.8 miles of the stream has reaches with steep sedimentary soil embankments (up to 10' high). The majority of this stretch is sparsely vegetated with grasses and blackberry. The channel is devoid of large woody debris. In 1987 BLM placed a monitoring station at the Transformer Rd. bridge adjacent to southeast corner of BPA property. The gauges measured temperature, conductivity and stage every two weeks in the winter and once a month in the summer. BLM took grab samples for turbidity and suspended sediments from locations upstream. Although temperatures during that period were within standards (60-64F), Chickahominy Creek produced three times more sediments than Walker and Bear Creeks. Grab samples from up stream were within standards suggesting that the vast majority of sediments came from the lower 1.8 mile of stream. Data collected from 1989-91 remains untabulated (data compiled by Alan Schloss, BLM Hydrologist). In the summer of 1998, BLM Hydrologist Graham Armstrong recorded July stream temperature of 76F at Transformer Rd. Although 1999 summer temperatures never reached that extreme, temperatures remained above standards suggesting that this stretch needs shading and in-stream structures to reduce temperatures.

It is likely that in the past this area was an important habitat for beaver. Low gradient stream reaches had braided channels with less erosive velocity than today's single channel flows. Large woody debris from upstream was caught in these low gradient areas and provided structure around which the beaver constructed their dams. The beaver dams in turn provided deep summer pools with vegetative cover for protection and shade for juvenile salmon. The backed-up waters created rich, biodiverse wetlands which sustained juvenile salmon. As the beaver ponds filled in with upstream sediments the area became open meadows supporting elk and deer. During the recent historic period farmers drained and filled wetlands and grazed livestock or cultivated fields right up to the streambanks leaving the riparian areas devoid of vegetative cover. Throughout the area residents have removed large woody debris from the streams in order to maintain the current stream channel resulting in the downcutting of the creek to bedrock.

The location of the BPA property offers several opportunities to reverse the losses of riparian habitat

Riparian buffer tree planting

Approximately 500' of streambank on the west side of the creek could be planted in conifer and deciduous trees. At 10' spacing that would require 300 trees for 50' foot width or 600 for a 100' width. 300-500 willow cuttings would provide an intensive root system for the eroding streambanks. The area directly beneath the powerlines would, presumably, be limited to species that do not exceed 30' in height such as vine maple, hazel, cascara, elderberry, ninebark, and willow. The east side of the creek was planted in 1999 with approximately the same number of conifer trees but there has not been any

willow planting in that specific location. The NRCS will be responsible for the maintenance of the plantings.

Diverting creek flow

There are two locations where high winter flows could be diverted in order to create new wetland and to augment existing wetland in old stream channels.

Site #1 would require the excavation of a high water overflow channel connecting to an excavated long shallow catchment. An excavated area of 50' wide, 100' long, and 3' at the deepest in the center would create a seasonal wetland overflow area in what is now a grassy/brushy field. This overflow catchment will be connected to an old stream channel by a shallow excavated ditch (approximately 40' long). This connection will allow juvenile salmon that may enter the wetland an escape route back to the main channel of Chickahominy Creek. The entrance and exit ditches will be planted in low growing shrubs and grasses to maintain the gradient and prevent downcutting.

Site #2 would require an excavation of a 10' wide, 15' long by 6' deep diversion into an old stream channel. The angle of the diversion would be upstream in order to prevent a redirecting of the stream course. Large woody debris will be placed at the upstream and downstream corners of the diversion to prevent the opening from either eroding or becoming blocked by sediment deposits. The depth of the excavation will allow the diverted water to recede as the water level in the main stream drops allowing juvenile salmon to escape the old stream channel. Excavated soils will be placed on the open field and spread to no more than 4" in depth. The NRCS will be responsible for the maintenance and the monitoring of these projects.

Equipment and timing of the project

The excavations can be done with a backhoe and a small cat any time from early July to late September. The BPA road would be used for access. Equipment would be operating or stored in the open fields away from any BPA or Blachley Lane activities.

Planting of the eroding stream embankments would ideally take place in the very late fall, winter or very early spring. The use of long pole cuttings of willow, vine maple or ninebark up to 25" from the stream bank would require the use of a backhoe and this activity could be timed with the excavations. In this instance 6' x 3"-6" sections of willow, vine maple or ninebark (height limited tree/brush) are pushed deep enough into sedimentary soils where they can reach the upper water table and establish roots.

All appropriate permits will be obtained by the NRCS.

Future projects

The placement of large woody debris would provide dramatic improvements to stream dynamics and to riparian habitat.

See Map 18 08 01

T.L. 809-811

1. S. 91°42'26"W - 31.82'
2. S. 49°07'43"W - 71.06'
3. S. 23°16'06"W - 71.06'
4. S. 02°25'07"W - 98.86'
5. S. 05°57'42"E - 49.70'
6. S. 08°23'34"E - 132.05'
7. S. 94°55'31"W - 24.95'
8. S. 05°14'28"W - 49.47'
9. S. 14°12'02"W - 102.85'
10. S. 15°19'07"E - 28.00'
11. S. 00°02'50"W - 162.42'
12. S. 00°02'50"W - 82.96'
13. S. 28°11'16"W - 71.06'
14. S. 15°55'55"E - 85.09'
15. S. 02°05'04"E - 129.57'
16. S. 11°35'50"W - 53.48'
17. N. 85°02'31"E - 180.45'
18. S. 24°16'08"W - 189.26'
19. S. 25°48'N - 72°46'00"E
20. S. 81°04'N - 1.06°14'00"E

REC. 7212150

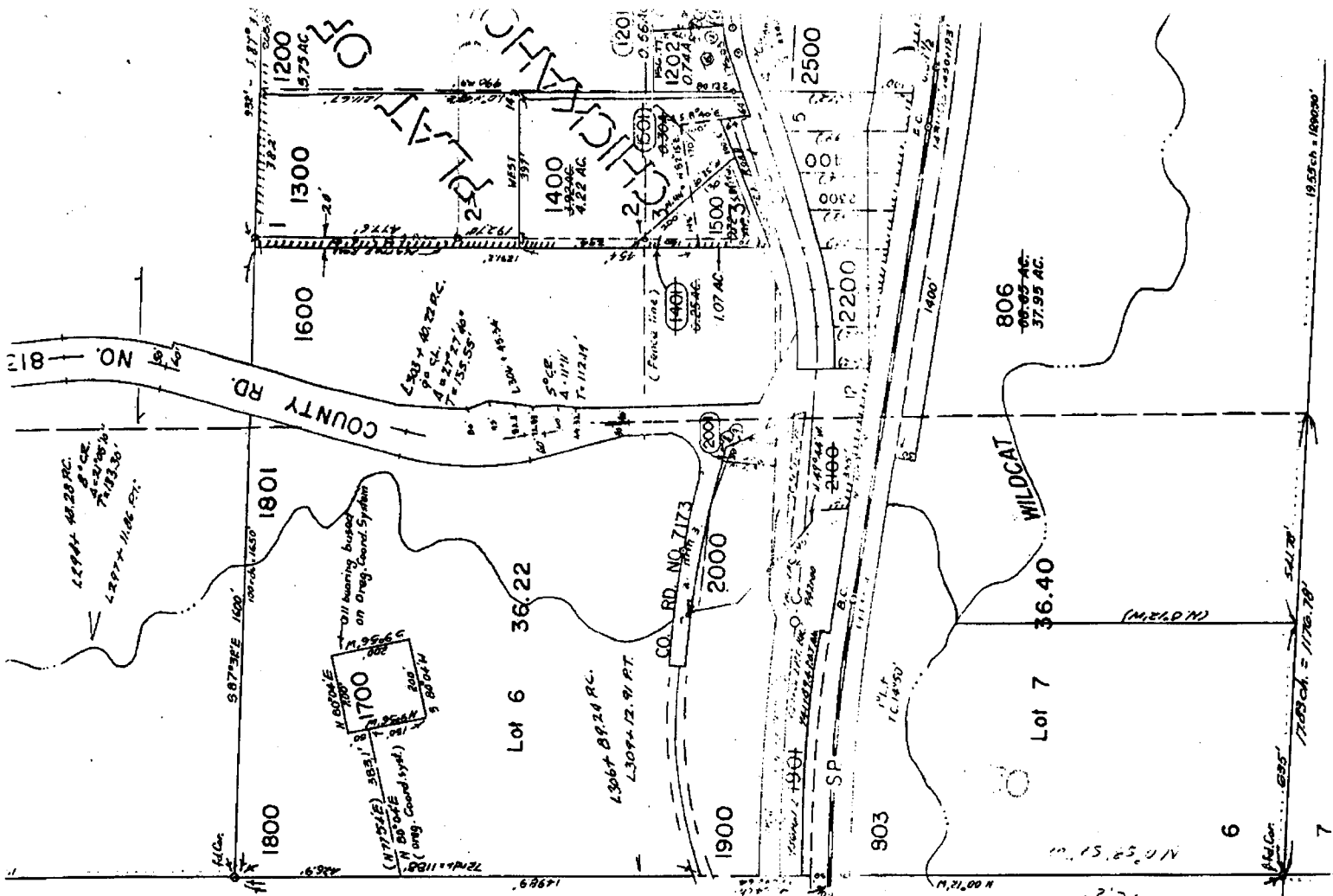
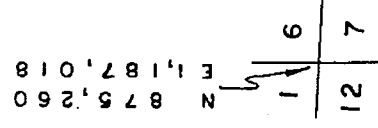
1. N. 04°40'W 78'
2. N. 86°22'E 155.3'
3. S. 61°02'E - 128.5'
4. S. 32°45'E 132.4'
5. S. 62°28'E 91'
6. S. 68°32'W 114.5'
7. S. 100°1'W 75'

PARCEL NO. 2001

8. S. 91°31'00"E - 34.87'
9. S. 40°04'51"E - 41.91'
10. N. 84°07'15"E - 45.00'

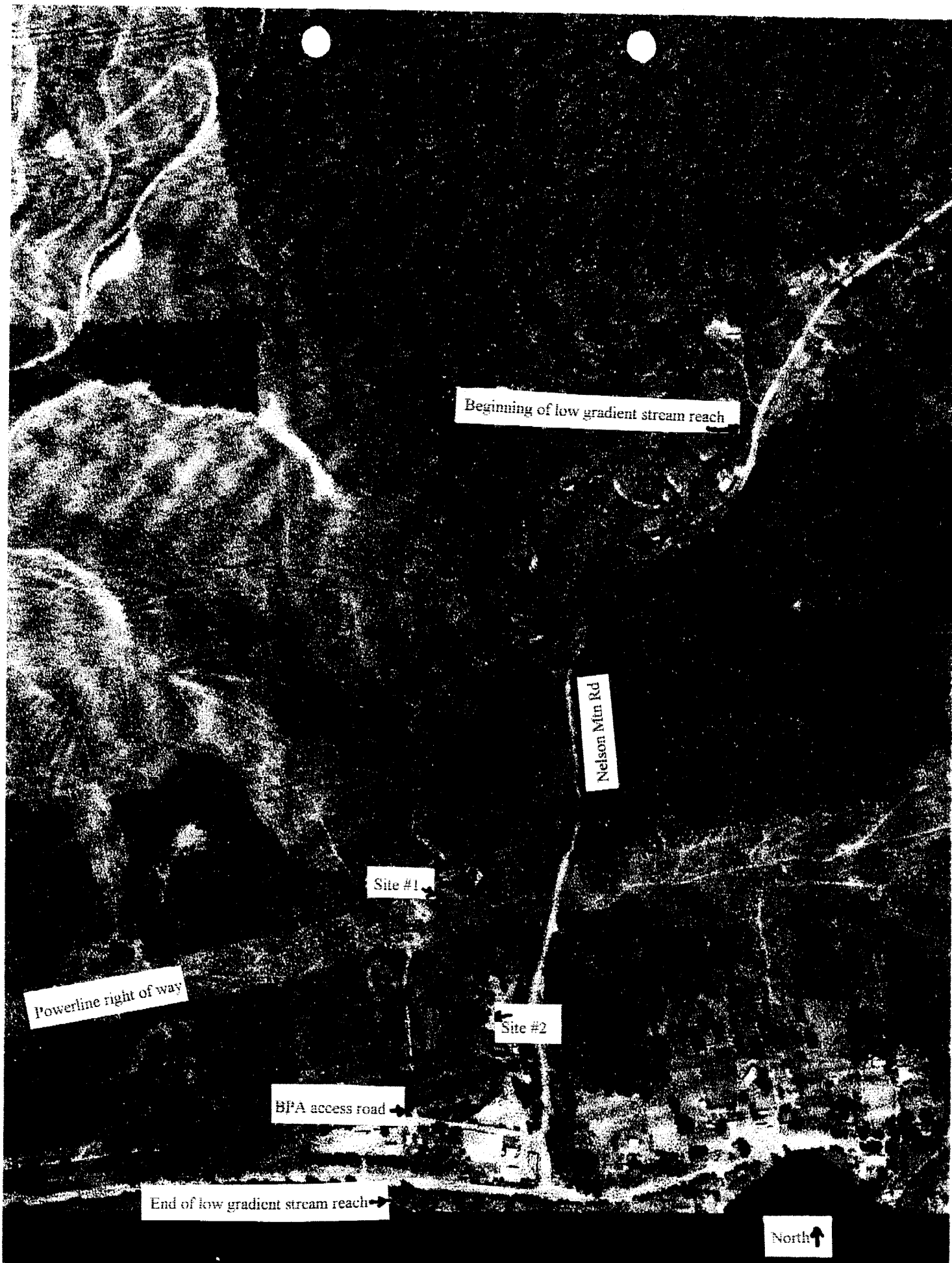
PARCEL NO. 1201

11. S. 89°48'12"W - 117.89'
12. S. 04°08'07"E - 175.20'
13. N. 77°34'32"E - 1.16'
14. N. 75°02'47"E - 59.82' R=1165.85'
15. N. 83°50'36"E - 201.69'
16. N. 85°31'02"E - 59.02'
17. N. 00°24'39"E - 16.78'
18. N. 84°49'21"W - 253.63'
19. N. 00°49'44"W - 94.50'



19.53' ch = 189.93'

7.08' ch = 1170.78'



Beginning of low gradient stream reach

Nelson Min Rd

Site #1

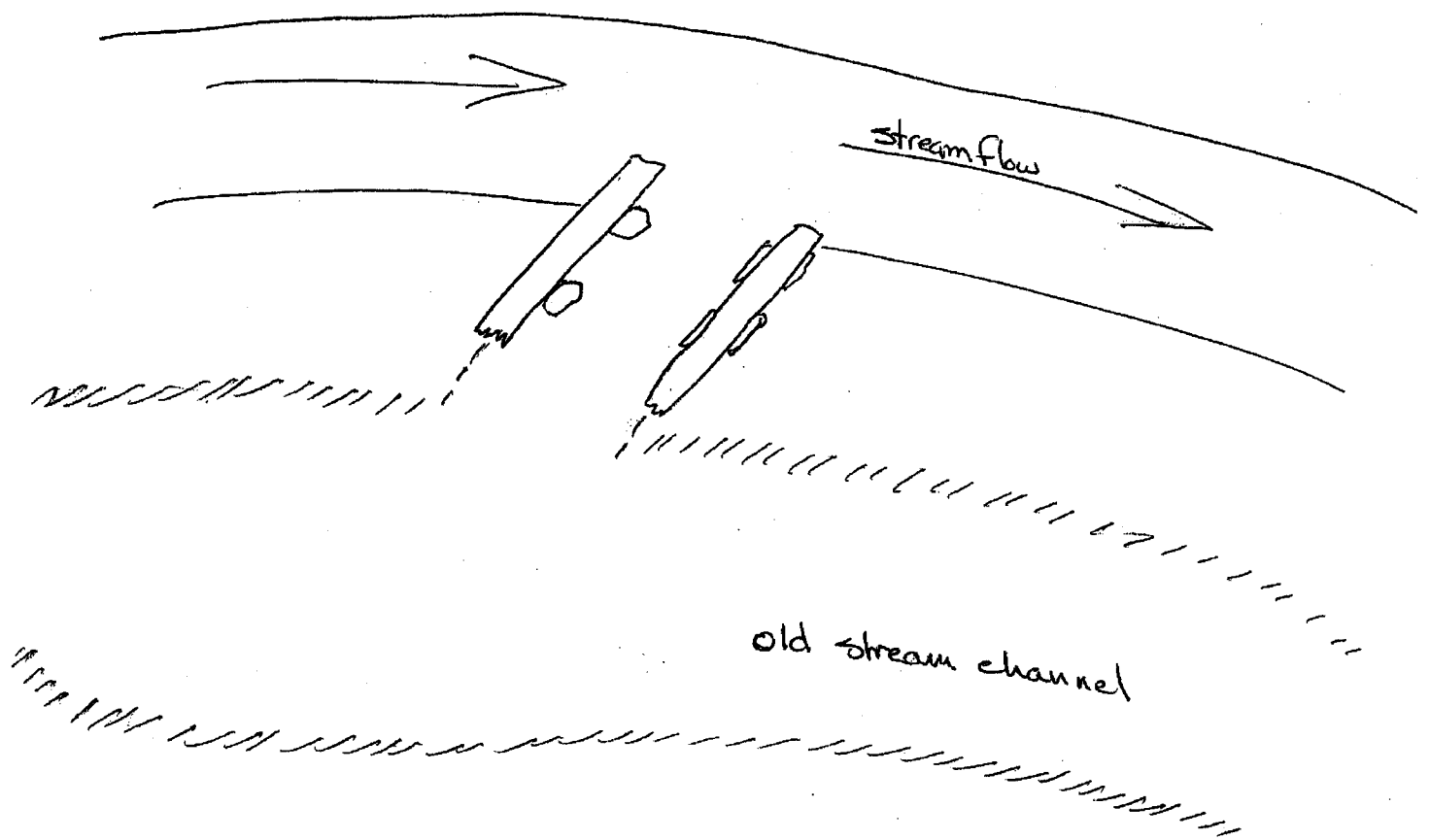
Powerline right of way

Site #2

BPA access road

End of low gradient stream reach

North ↑



Site #2 diversion of water into old stream channel.
Entrance stays open with large woody materials
anchored by boulders

Ex 6

From: Ex 6
Sent: Wednesday, May 24, 2000 2:09 PM
To: Ex 6
Cc:
Subject: RE: consultation requirements

Ex 6 Since a private individual is funding the activities, there probably wouldn't be any ESA consultation, but since it is BPA property I would like to check out what species are in the stream. I'll get back to you after checking the Natural Heritage Data Base and our other data for any information on the area. Do we have any role other than landowner on this project?

-----Original Message-----

From: Ex 6
Sent: Monday, May 22, 2000 7:59 AM
To: Ex 6
Subject: consultation requirements

Ex 6

If you remember earlier this spring we exchanged a few emails in connection with a proposed wetland project for some BPA (fee-owned, I think) property at the Walton substation.

I spoke with Don Gerig in realty last week, I have requested permission to do the project and that is in process someplace. Don suggested I ask you about the consultation (ESA) requirements. The project is (proposed) to be funded by a private individual, through the Division of State Lands wetland mitigation revolving fund. NRCS will not be putting any cash into the project, and as long as I remain "technical assistance" NRCS will not require Section 7 consultation. Don did not know what the BPA position would be. Can you shed some light?

Thanks,

Ex 6

**ENVIRONMENTAL LAND ACTIONS
ASSIGNMENT SHEET PERMIT**



[1] PROJECT: WALTON SUBSTATION

[2] PURPOSE WETLAND ENHANCEMENT/RIPARIAN IMPROVEMENT PROJECT

[3] CASE NUMBER: 000293

[4] PL-6: V791

[5] ACTIVITY CODE: MA5

[6] DATE RECEIVED: 03/28/2000

[7] ASSIGNED TO: BRETT SHERER

[8] DATE ASSIGNED: 04/14/2000

[9] DATE NEEDED: 05/15/2000

[10] DATE COMPLETED: _____

cc
F. Walasavage – KEP-4
J. Meyer – KEP-4
D. Gerig – TRF/Alvey
Official File- KEP-4

**U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
LAND USE REVIEW REQUEST**

1. CASE NO. 20000293		2. DATE APR 13 2000		3. FROM: Real Property Management - TSR-3	
4. TO: <input checked="" type="checkbox"/> A. Electrical Engineering and Analysis, Doug Lamb - TNL-3 <input checked="" type="checkbox"/> B. Lineman Foreman III-TFEF/Alvey <input checked="" type="checkbox"/> C. Pollution Prevention and Technical Service - KEP-4 <input type="checkbox"/> D.		5. APPLICATION FOR/ENCROACHMENT OF wetland enhancement project/riparian improvement project			
6. APPLICANT/ENCROACHER USDA-Natural Resources Conservation Service		RECEIVED APR 13 2000			
ELECTRICAL ENGINEERING AND ANALYSIS					
THIS REQUEST IS REFERRED FOR EVALUATION AND COMMENTS, INCLUDING ADVERSE EFFECTS ON CULTURAL RESOURCES.					
7. LINES(S) Walton Substation					
8A. TRACTS - EASEMENT			8B. TRACTS - FEE WALT-SS-P2		
9. LOCATION Lot 6	A. SECTION 6	B. TOWNSHIP 8S	C. RANGE 7W	D. COUNTY/MERIDIAN/OTHER Lane Co. WM	
10. ATTACHMENTS proposal	A. BPA DRAWING NO.(S) 36125	B. OTHER DRAWINGS	C. OTHER ATTACHMENTS/COMMENTS		
<input checked="" type="checkbox"/> D. LETTER OF APPLICATION		<input type="checkbox"/> E. BPA F 4300.03, APPLICATION FOR PROPOSED USE OF BPA RIGHT-OF-WAY		<input type="checkbox"/> F. BPA F 4300.22 ENCROACHMENT REPORT	
11. SIGNATURE OF REAL PROPERTY MANAGEMENT REPRESENTATIVE <i>A. Schabert</i>			12. AUTHOR/TYPIST/TELEPHONE NUMBER ims:5950 for Don Gerig @ (541)465-6560		
13. COMMENTS / RESERVATIONS					

0-100

SEE ATTACHED MEMO FOR COMMENTS/RESERVATIONS - DJL - TNL-3 - 4/21/2000

15A. SIGNATURE <i>Douglas J Lamb</i>	ROUTING TNL-3	15B. DATE 4/21/2000
Return Original with comments to TSR-3		FILE CODE: LA-17 RETENTION: TSR= See disposition; others=A



DATE: 4/21/2000
TO: Technical Services, Real Property Section - TSR
FROM: Douglas J. Lamb - Technical Services, Electrical Engineering - TNL
SUBJECT: Engineering Review of R/W Use Permit

APPLICATION FOR: Wetland Enhancement Project / Riparian Improvement
Project
APPLICANT: USDA – Natural Resources Conservation Service
CASE NO.: 000293
TNF LOG No.: 0-100

COMMENTS:

Trees can be planted along the Chickahominy Creek with the exception of the bank below the Eugene Mapleton Line. The area of the bank within 50 feet of the centerline of the line should be planted in shrubs that will not grow greater than 10 feet in height. As for the rest of the creek bank, I see no reason why trees of any height cannot be planted there.

RESERVATIONS:

- Access to BPA structures must remain open and unobstructed at all times.
- Construction equipment must maintain a minimum distance of 15 feet between equipment and transmission line conductors.
- No storage of flammable materials is allowed on the Right-Of-Way.
- No refueling of vehicles or equipment is allowed on the Right-Of-Way.

Please call me at extension 5958, if you have any questions.

**U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
LAND USE REVIEW REQUEST**

1. CASE NO. 20000293	2. DATE APR 13 2000	3. FROM: Real Property Management - TSR-3
4. TO: <input checked="" type="checkbox"/> A. Electrical Engineering and Analysis, Doug Lamb - TNL-3 <input checked="" type="checkbox"/> B. Lineman Foreman III-TFEF/Alvey <input checked="" type="checkbox"/> C. Pollution Prevention and Technical Service - KEP-4 <input type="checkbox"/> D.		5. APPLICATION FOR/ENCROACHMENT OF wetland enhancement project/riparian improvement project
6. APPLICANT/ENCROACHER USDA-Natural Resources Conservation Service		

THIS REQUEST IS REFERRED FOR EVALUATION AND COMMENTS, INCLUDING ADVERSE EFFECTS ON FUTURE PLANS (Return to TSR-3)

7. LINES(S)
Walton Substation

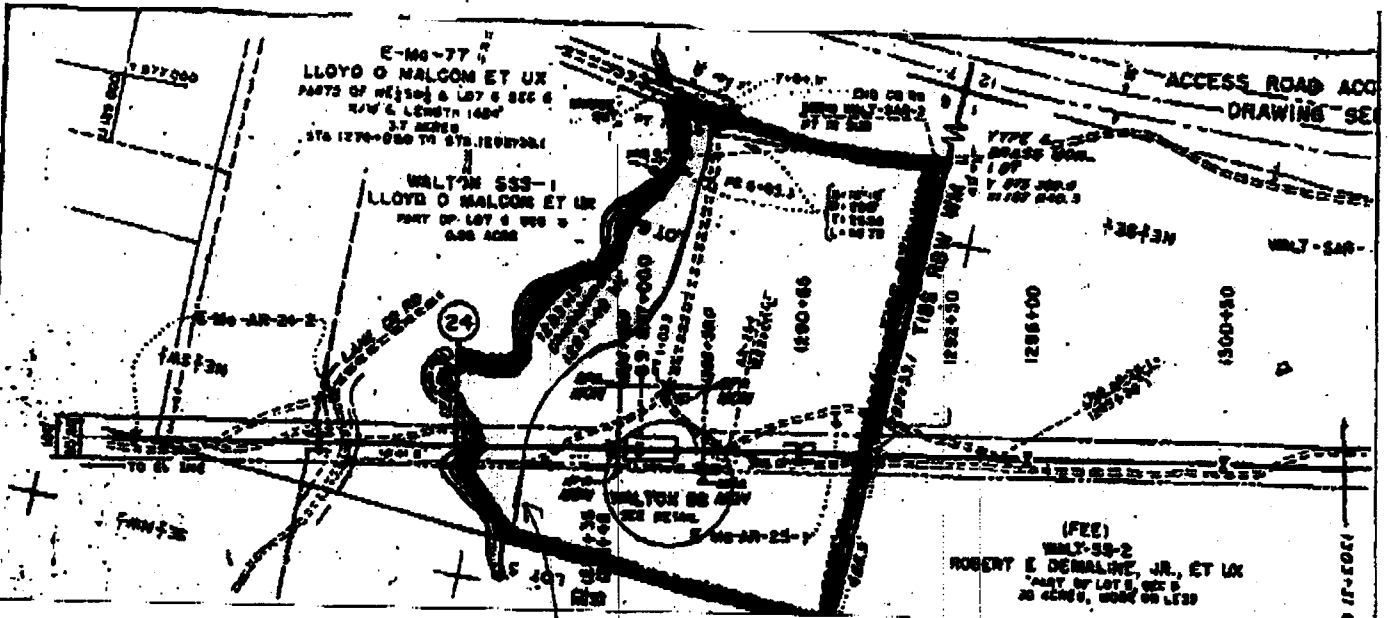
8A. TRACTS - EASEMENT		8B. TRACTS - FEE WALT-SS-P2		
9. LOCATION Lot 6	A. SECTION 6	B. TOWNSHIP 8S	C. RANGE 7W	D. COUNTY/MERIDIAN/OTHER Lane Co. WM
10. ATTACHMENTS proposal	A. BPA DRAWING NO.(S) 36125	B. OTHER DRAWINGS	C. OTHER ATTACHMENTS/COMMENTS	
<input checked="" type="checkbox"/> D. LETTER OF APPLICATION		<input type="checkbox"/> E. BPA F 4300.03, APPLICATION FOR PROPOSED USE OF BPA RIGHT-OF-WAY		<input type="checkbox"/> F. BPA F 4300.22 ENCROACHMENT REPORT

11. SIGNATURE OF REAL PROPERTY MANAGEMENT REPRESENTATIVE: *[Signature]*
 12. AUTHOR/TYPIST/TELEPHONE NUMBER: **ims:5950 for Don Gerig @ (541)465-6560**

13. COMMENTS / RESERVATIONS
*where they are talking about planting species that do not exceed 30' in height: The area these 30's species would be planted would be the entire R/W width, not just under the power lines. Do not allow any fir trees on the R/W.
 no other comments*

15A. SIGNATURE: *[Signature]* ROUTING: **T F E F** 15B. DATE: **4/18/00**
 Return Original with comments to TSR-3 FILE CODE: LA-17
 RETENTION: TSR= See disposition; others=A

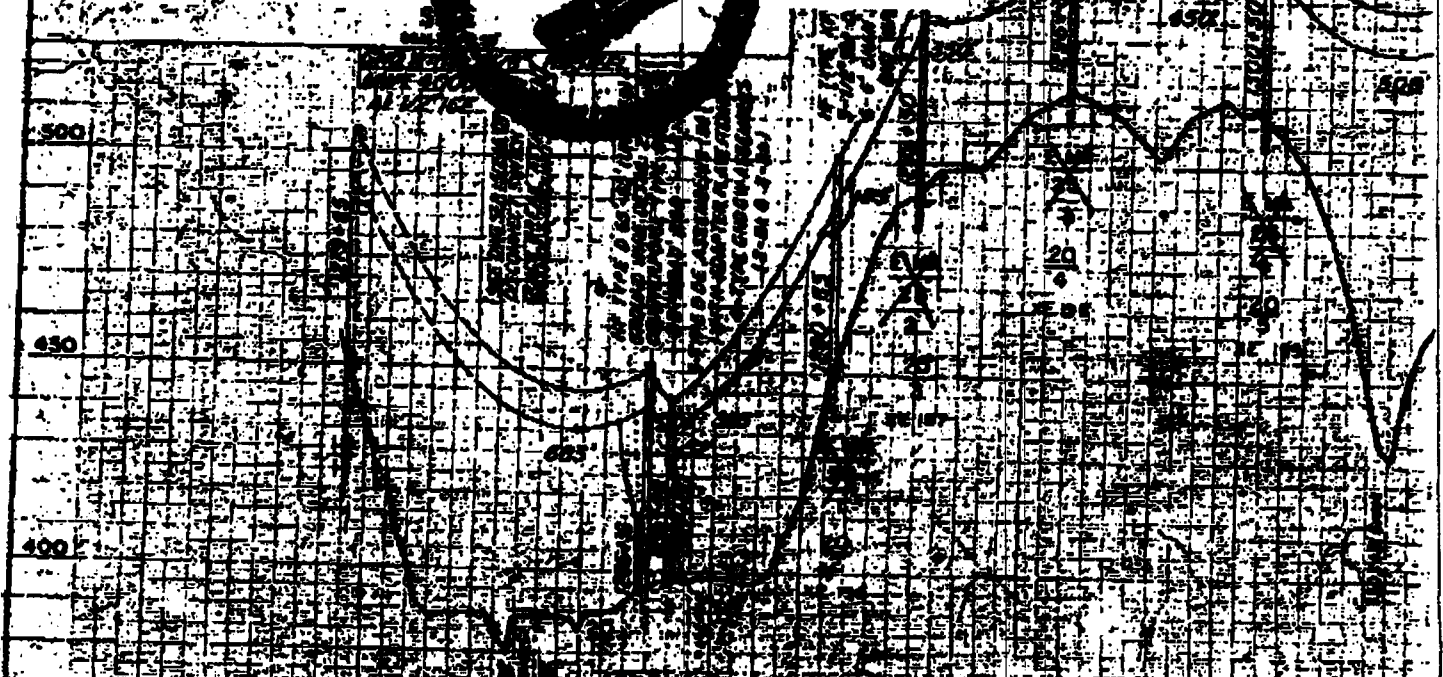




To: Ex 6
 From:

Ex 6 this is the approximate boundary of the proposed project, from the creek up to the line I draw.
 Thanks.

Ex 6



United States
Department of
Agriculture

Natural Resources
Conservation
Service

344 SW 7th, Suite A
Newport, Oregon
97365
(541) 265-2631

23 March 2000

Ex 6

Bonneville Power Administration
86000 Highway 99 South
Eugene, Oregon 97405

Ex 6

Here is the proposal for the project we discussed on the Walton Substation property. As you are aware, this project was generated by local landowner interest in natural resource and wildlife conservation. We are requesting permission from BPA to do the project on land owned by BPA. Mark Newbill has been to the site and is aware of the proposal.

Please keep me informed as the approval process progresses. We hope to do the work this summer during the field season.

I appreciate your assistance in this and look forward to working with you in the future.

Sincerely,

Ex 6

enclosures

WETLAND ENHANCEMENT AND RIPARIAN IMPROVEMENT PROJECT PROPOSAL BPA OWNED LAND AT THE WALTON SUBSTATION ADJACENT TO CHICKAHOMINY CREEK

SETTING

Chickahominy Creek is within a 7832 acre (12.2 square miles) basin and is a subbasin of Wildcat Creek, a tributary of the Siuslaw River. The upper watershed is dominated by steep wooded slopes, primarily managed by the Bureau of Land Management (BLM) and private industrial timber companies. The narrow valley bottom is in private ownership, principally in small acreage rural residential. Ninety percent of the riparian landowners participated in tree planting projects in 1999. Coho salmon use in Chickahominy Creek has been documented. There is a local group of landowners that is active in salmon restoration and natural resource conservation throughout the Siuslaw River basin.

The channel length is 7.5 miles. The lower 1.8 miles of the stream has reaches with steep sedimentary soil embankments (up to 10 feet high). The majority of this stretch is sparsely vegetated with grasses and blackberry. The channel is devoid of large woody debris. In 1987 BLM placed a monitoring station at the Transformer Road bridge adjacent to the southeast corner of BPA property. The gauges measured temperature, conductivity and stage every two weeks in the winter and once a month in the summer. BLM took grab samples for turbidity and suspended sediments from locations upstream. Although temperatures during that period were within standards (60 - 64 degrees F), Chickahominy Creek produced three times more sediments than Walker and Bear Creeks. Grab samples from upstream were within standards suggesting that the vast majority of sediments came from the lower 1.8 miles of stream. Data collected from 1989-91 remains untabulated (data compiled by Alan Schloss, BLM Hydrologist). In the summer of 1998, BLM Hydrologist Graham Armstrong recorded July stream temperature of 76 degrees F at Transformer Road. Although 1999 summer temperatures never reached that extreme, temperatures remained above standards suggesting that this stretch needs shading and instream structures to reduce temperatures.

PROJECT PROPOSAL

WETLAND ENHANCEMENT

The land owned by BPA, which is approximately seven acres in size, lies adjacent to Chickahominy Creek on its west bank, north of Highway 126. The land is floodplain, but has been disconnected from the creek due to channel incising and creation of new main channels that occurred during the 1996 and 1998 high water flow events. The wetland that had formed on the floodplain is becoming drier and blackberry is increasing. The area is no longer refuge habitat for coho or other aquatic species.

There are three locations where high winter flows could be allowed to reenter the wetland area. Each location is an abandoned stream channel that could be opened with a small amount of excavation. In addition, excavation of a long shallow pond at one location would create a wetland in what is now a grassy/brushy area. An area 30' x 75' x 6' at the deepest would create a seasonal wetland overflow area.

Estimates of excavation: 1775 cubic yards total (Location 1: 55 cubic yards, Location 2: 220 cubic yards, Location 3: 1500 cubic yards),
and cost: \$4000

RIPARIAN IMPROVEMENT

Approximately 500' of streambank on the west side of the creek could be planted in conifer and deciduous trees. A 10' x 10' spacing would require 300 trees for a 50' width, or 600 for 100' width. Several hundred willow cuttings (≈/ > 500) would provide an intensive root system for the eroding streambanks, reducing the sediment entering the stream from this source. The area directly below the powerlines would be limited to species that do not exceed 30' in height such as vine maple, cascara, elderberry, and willow.

The east side of the creek has been planted at similar density, although there have not been any willow plantings on that specific location.

Estimate of cost: \$1500

MONITORING

The Siuslaw Soil and Water Conservation District (SWCD) will be responsible for annual monitoring of the site. During plant establishment the monitoring will be more frequent. Excavation designs and inspection will be provided by the Natural Resources Conservation Service, a cooperating agency of the Siuslaw SWCD. After three to five years (the period for plant establishment) the monitoring will be done biannually until 2010.

TOTAL ESTIMATED COST OF PROJECT: \$5500