

Appendix B.3

Environmental Characteristics



Water Quality



About DEQ Regulations News & Info Programs Contact Us

Home > [Water Quality](#) > [303\(d\) List Home](#) > [Search Choices Page](#) > [List of Waterbodies](#)

Water Quality Limited Streams Database

The following records match your search criteria. Select a Record ID to view details of the waterbody:

Record ID	Waterbody Name	Sub-Basin	River Mile	Parameter	Season	List Date	Listing Status
8854	North Santiam River	NORTH SANTIAM	0 to 10	Temperature	Summer	2002	303(d) List
8856	North Santiam River	NORTH SANTIAM	0 to 10	Temperature	September 1 - June 30	2002	303(d) List
8857	North Santiam River	NORTH SANTIAM	10 to 26.5	Temperature	September 15 - June 30	2002	303(d) List

There are 3 records in the table.

Download CSV file: [Client630.csv](#)

For additional information, please contact [Karla Urbanowicz](#) at (503) 229-6099.

DEQ Online is the official Web site for the Oregon Department of Environmental Quality. If you have questions or comments, please contact us.

Table 4. Listed, Candidate, and Species of Concern and the Determination of Effect from the Biological Assessment for Expansion, Operation and Maintenance of the Geren Island WTF

Common name	Scientific name	Federal status ¹	Jurisdiction
Oregon chub	<i>Oregonichthys crameri</i>	Endangered	USFWS
Winter steelhead	<i>Oncorhynchus mykiss</i>	Threatened	NOAA ²
Spring chinook salmon	<i>Oncorhynchus tshawytscha</i>	Threatened	NOAA ²
Bald eagle	<i>Haliaeetus leucocephalus</i>	Threatened	USFWS
Fender's blue butterfly	<i>Icaricia icarioides fenderi</i>	Endangered	USFWS ³
Golden Indian paintbrush	<i>Castilleja laevisecta</i>	Threatened	USFWS ²
Willamette daisy	<i>Erigeron decumbens</i> var. <i>decumbens</i>	Endangered	USFWS ²
Howellia	<i>Howellia aquatilis</i>	Threatened	USFWS
Bradshaw's lomatium	<i>Lomatium bradshawii</i>	Endangered	USFWS
Kincaid's lupine	<i>Lupinus sulphureus</i> var. <i>kincaidii</i>	Threatened	USFWS ²
Nelson's checker-mallow	<i>Sidalcea nelsoniana</i>	Threatened	USFWS
Candidate Species			
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	Candidate	USFWS ³
Oregon spotted frog	<i>Rana pretiosa</i>	Candidate	USFWS ³
Taylor's checkerspot	<i>Euphydras editha taylori</i>	Candidate	USFWS ³
Streaked horned lark	<i>Eremophila alpestris strigata</i>	Candidate	USFWS ³
Pacific lamprey	<i>Lampetra tridentata</i>	Sp. of Concern	USFWS
Northern red-legged frog	<i>Rana aurora aurora</i>	Sp. of Concern	USFWS
Foothill yellow-legged frog	<i>Rana boylei</i>	Sp. of Concern	USFWS
Northwestern pond turtle	<i>Clemmys marmorata marmorata</i>	Sp. of Concern	USFWS
Little willow flycatcher	<i>Empidonax traillii brewsteri</i>	Sp. of Concern	USFWS
Band-tailed pigeon	<i>Columba fasciata</i>	Sp. of Concern	USFWS ³
Olive-sided flycatcher	<i>Contopus cooperi (=borealis)</i>	Sp. of Concern	USFWS ³
Yellow-breasted chat	<i>Icteria virens</i>	Sp. of Concern	USFWS ³
Acorn woodpecker	<i>Melanerpes formicivorus</i>	Sp. of Concern	USFWS ³
Oregon vesper sparrow	<i>Pooecetes gramineus affinis</i>	Sp. of Concern	USFWS ³
Purple martin	<i>Progne subis</i>	Sp. of Concern	USFWS ³
Silver-haired bat	<i>Lasiorycteris noctivagans</i>	Sp. of Concern	USFWS ³
Long-eared myotis	<i>Myotis evotis</i>	Sp. Of Concern	USFWS
Fringed myotis	<i>Myotis thysanodes</i>	Sp. Of Concern	USFWS
Long-legged myotis	<i>Myotis volans</i>	Sp. Of Concern	USFWS
Yuma myotis	<i>Myotis yumanensis</i>	Sp. Of Concern	USFWS
Pacific western big-eared bat	<i>Plecotus townsendii townsendii</i>	Sp. Of Concern	USFWS
Camas pocket gopher	<i>Thomomys bulbivorus</i>	Sp. of Concern	USFWS ³
Oregon giant earthworm	<i>Megascolides macelfreshi</i>	Sp. of Concern	USFWS
White top aster	<i>Aster curtus</i>	Sp. of Concern	USFWS
Peacock larkspur	<i>Delphinium pavonaceum</i>	Sp. of Concern	USFWS

¹ Federal Status

Endangered: Species that are in danger of becoming extinct within the foreseeable future throughout all or a significant portion of their range.

Threatened: Species that are likely to become endangered within the foreseeable future.

Candidate: Species considered for threatened or endangered listing, but not yet the subject of a proposed rule

Species of Concern: Species that are currently under review for listing.

Shaggy horkelia	<i>Horkelia congesta</i> spp. <i>Congesta</i>	Sp. of Concern	USFWS
Thin-leaved peavine	<i>Lathyrus holochlorus</i>	Sp. of Concern	USFWS ³

¹ Federal Status

Endangered: Species that are in danger of becoming extinct within the foreseeable future throughout all or a significant portion of their range.

Threatened: Species that are likely to become endangered within the foreseeable future.

Candidate: Species considered for threatened or endangered listing, but not yet the subject of a proposed rule

Species of Concern: Species that are currently under review for listing.

² Status changed since preparation of the Biological Assessment

Source: AAI and SPCA 1996

³ Status change since 1996 Source: USFWS, October 2003

FEDERALLY LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES,
 CANDIDATE SPECIES AND SPECIES OF CONCERN THAT MAY OCCUR WITHIN THE
 AREA OF THE CITY OF SALEM WATER MANAGEMENT PLAN PROJECT
 1-7-03-SP-0684

LISTED SPECIES^{1/}BirdsBald eagle^{2/}*Haliaeetus leucocephalus*

T

FishSteelhead (Upper Willamette River)^{3/}*Oncorhynchus mykiss*

*+T

Chinook salmon (Upper Willamette River)^{4/}*Oncorhynchus tshawytscha*

**+T

Oregon chub

Oregonichthys crameri

E

InvertebratesFender's blue butterfly^{5/}*Icaricia icarioides fenderi*

B

PlantsGolden Indian paintbrush^{6/}*Castilleja leptosecta*

T

Willamette daisy^{7/}*Erigeron decumbens* var. *decumbens*

E

Howellia

Howellia aquatilis

E

Bradshaw's lomatium

Lomatium bradshawii

E

Kincaid's lupine^{8/}*Lupinus sulphureus* var. *kincaidii*

T

Nelson's checker-mallow

Sidalcea nelsoniana

T

PROPOSED SPECIES

None

CANDIDATE SPECIES^{7/}BirdsYellow-billed cuckoo^{8/}*Coccyzus americanus*

Streaked horned lark

*Eremophila alpestris strigata*Amphibians and Reptiles

Oregon spotted frog

*Rana pretiosa*Invertebrates

Taylor's checkerspot

*Euphydryas editha taylori*SPECIES OF CONCERNMammals

Pacific western big-eared bat

Corynorhinus (=Plecotus) townsendii townsendii

Silver-haired bat

Lasiurus noctivagans

Long-eared myotis (bat)

Myotis evotis

Fringed myotis (bat)

Myotis thysanodes

Long-legged myotis (bat)
Yuma myotis (bat)
Camas pocket gopher

Myotis volans
Myotis yumanensis
Thomomys bulbivorus

Birds

Band-tailed pigeon
Olive-sided flycatcher
Yellow-breasted chat
Acorn woodpecker
Oregon vesper sparrow
Purple martin

Columba fasciata
Contopus cooperi (=borealis)
Icteria virens
Melanerpes formicivorus
Poedeetes gramineus affinis
Progne subis

Amphibians and Reptiles

Northwestern pond turtle
Northern red-legged frog
Foothill yellow-legged frog

Emus (=Clemmys) marmorata marmorata
Rana aurora aurora
Rana boylei

Fish

Pacific lamprey
Coastal cutthroat trout (Upper Willamette)

Lampetra tridentata
Oncorhynchus clarki clarki

Invertebrates

Oregon giant earthworm

Driloleirus (=Megascolidas) macelfreshi

Plants

White top aster
Peacock larkspur
Shaggy horkelia
Thin-leaved peavine

Aster curtus
Delphinium pavonaceum
Horkelia congesta ssp. *congesta*
Lathyrus holochlorus

(E) - Listed Endangered

(T) - Listed Threatened

(CH) - Critical Habitat has been designated for this species

(PE) - Proposed Endangered

(PT) - Proposed Threatened

(PCH) - Critical Habitat has been proposed for this species

(S) - Suspected

(D) - Documented

Species of Concern - Taxa whose conservation status is of concern to the Service (many previously known as Category 2 candidates), but for which further information is still needed.

(CF) - Candidate National Marine Fisheries Service designation for any species being considered by the Secretary for listing for endangered or threatened species, but not yet the subject of a proposed rule.

oo Consultation with National Marine Fisheries Service may be required.

⁴ U. S. Department of Interior, Fish and Wildlife Service, October 31, 2000, *Endangered and Threatened Wildlife and Plants*, 50 CFR 17.11 and 17.12

¹ Federal Register Vol. 60, No. 133, July 12, 1995 - Final Rule - Bald Eagle

² Federal Register Vol. 64, No. 37, March 25, 1999, Final Rule - Middle Columbia and Upper Willamette River Steelhead

³ Federal Register Vol. 64, No. 36, March 24, 1999, Final Rule - West Coast Chinook Salmon

⁴ Federal Register Vol. 65, No. 16, January 25, 2000, Final Rule - *Eriogonum decumbens* var. *decumbens*, *Lupinus sulphureus* ssp. *kincaidii* and Fender's blue butterfly

⁵ Federal Register Vol. 62, No. 112, June 11, 1997, Final Rule - *Cassiopeja levisecta*

⁶ Federal Register Vol. 67, No. 116, June 13, 2002, Notices of Review - Candidate or Proposed Animals and Plants

⁷ Federal Register Vol. 66, No. 143, July 23, 2001, 12-Month Finding for a Petition To List the Yellow-billed Cuckoo

Appendix B.4

Oregon Natural Heritage Information

OREGON NATURAL HERITAGE INFORMATION CENTER

Institute for Natural Resources



OREGON STATE UNIVERSITY
1322 SE Morrison Street
Portland, Oregon 97214-2423

August 25, 2004

Justin R. Walker
Keller Associates, Inc.
131 SW 5th Avenue, Suite A
Meridian, ID 83642

Dear Mr. Walker:

Thank you for requesting information from the Oregon Natural Heritage Information Center (ORNHIC). We have conducted a data system search for rare, threatened and endangered plant and animal records for your Stayton Water Management and Conservation Plan Project in Township 9 South, Range 1 West, Sections 11 and 13, W.M.

Twenty-five (25) records were noted within a two-mile radius of your project and are included on the enclosed computer printout. A key to the fields is also included.

Please remember that the lack of rare element information from a given area does not mean that there are no significant elements there, only that there is no information known to us from the site. To assure that there are no important elements present, you should inventory the site, at the appropriate season.

This data is confidential and for the specific purposes of your project and is **not to be distributed**.

If you need additional information or have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Cliff Alton', with a horizontal line extending to the right.

Cliff Alton
Conservation Information Assistant

encl.: invoice (H-082404-CWA4)
computer printout and data key

OREGON NATURAL HERITAGE INFORMATION CENTER

Institute for Natural Resources



OREGON STATE UNIVERSITY
1322 SE Morrison Street
Portland, Oregon 97214-2423

Invoice Number: H-082404-CWA4
Index: RNR105

INVOICE

TO: Keller Associates, Inc.
131 SW 5th Avenue, Suite A
Meridian, ID 83642

ATTN: Accounts Payable

DATE: August 25, 2004

RE: Data system search for rare, threatened and endangered plants and animals in the vicinity of Township 9 South, Range 1 West, Sections 11 and 13, W.M. Requested by Justin R. Walker for the Stayton Water Management and Conservation Plan Project.

For services and products:

Computer records (25 @ \$0.50/record)	\$ 12.50
Computer fee (flat rate)	\$ 20.00
Staff time (0.75 hours @ \$50.00/hour)	\$ 37.50
TOTAL DUE:	\$ 70.00

Please make checks payable to: **Oregon Natural Heritage Information Center**

Please include invoice number at top of page with payment.

Terms: Net 30

Scientific Name: *Rana aurora aurora*

Common Name: Northern red-legged frog

Federal Status: SOC

GRANK: G4T4

NHP List: 4

Category: Vertebrate Animal

State Status: SV/SU

SRANK: S3S4

HP Track: N

ELCODE: AAABH01021

EO ID: 19241

First Obs: 1996-04-07

Last Obs: 1996-04-07

Confirmed:

Directions: GEREN ISLAND (STAYTON ISLAND). POND EXCAVATED IN 1979 TO OBSERVE GROUND WATER LEVELS. EAST OF SLOW SAND FILTERS IN AREA TO BE EXCAVATED FOR MORE SAND FILTERS. ALSO SMALL FORESTED WETLAND JUST EAST OF THE SLOW SAND FILTER COMPLEX.

County Name

Marion

Ecoregion

WW

Source Feature [Uncertainty Type (Distance)]

Polygon [Areal - Delimited (8 m)]

Town-Range Sec Note

009S001W 13

QuadCode QuadName

44122-G7 Stayton

Watershed

1709000506 - NORTH SANTIAM RIVER, LOWER

Owner Name/Type

CITY; COUNTY

Owner Comments

CITY OF SALEM, MARION COUNTY

Managed Area Name

EO Type:

Minimum Elev.(m): 143

Annual Observations

EO Data: 1996: POND - 2 EGG MASSES HATCHING WITH SEVERAL ADULTS. FORESTED WETLAND SITE - 1 ADULT ONLY, NO EGGS.

EO Comments: ARTIFICIAL POND AND SMALL FORESTED WETLAND. ROUGH SKINNED NEWT, NORTHWESTERN SALAMANDER EGGS AND GARTER SNAKE IN POND.

Protection:

Management: LOTS OF BULLFROGS AT POND AND WETLAND.

General: OBSERVER: PRISCILLA STANFORD

Scientific Name: *Rana pretiosa*

Common Name: Oregon spotted frog

Federal Status: C

GRANK: G2

NHP List: 1

Category: Vertebrate Animal

State Status: SC

SRANK: S2

HP Track: Y

ELCODE: AAABH01180

EO ID: 5019

First Obs: 1937-10-13

Last Obs: 1937-10-13

Confirmed:

Directions: AUMSVILLE, ALONG MILL CREEK

County Name

Marion

Ecoregion

WW

Source Feature [Uncertainty Type (Distance)]

Point [Areal - Estimated (8050 m)]

Town-Range Sec Note

008S002W 36

QuadCode QuadName

44122-G7 Stayton

Watershed

1709000506 - NORTH SANTIAM RIVER, LOWER

1709000701 - MILL CREEK

1709000907 - SILVER CREEK

Owner Name/TypeOwner CommentsManaged Area Name

EO Type:

Minimum Elev.(m): 107

Annual Observations

EO Data: 1937: ONE ADULT FEMALE COLLECTED

EO Comments: LOW, EMERGENT MARSH

Protection:

Management:

General: COLLECTOR: H.S. FITCH MVZ#25288

Scientific Name: *Haliaeetus leucocephalus*

Common Name: Bald eagle

Federal Status: LT

GRANK: G4

NHP List: 4

Category: Vertebrate Animal

State Status: LT

SRANK: S4B,S4N

HP Track: Y

ELCODE: ABNKC10010

EO ID: 26095

First Obs: 2003

Last Obs: 2003

Confirmed:

Directions: S. of Stayton, along the North Santiam River.

County Name

Marion

Ecoregion

WW

Source Feature [Uncertainty Type (Distance)]

Point [Areal - Estimated (50 m)]

Town-Range Sec Note

009S001W 16

QuadCode QuadName

44122-G7 Stayton

Watershed

1709000506 - NORTH SANTIAM RIVER, LOWER

Owner Name/TypeOwner CommentsManaged Area Name

EO Type:

Minimum Elev.(m):

Annual Observations

EO Data: See annual observations.

* 2003 - 1 downy nestling

EO Comments:

Protection:

Management:

General: Isaacs and Anthony nest 1128.

Scientific Name: *Eremophila alpestris strigata*

Common Name: Streaked horned lark

Federal Status: C

GRANK: G5T2

NHP List: 1

Category: Vertebrate Animal

State Status: SC

SRANK: S2B

HP Track: Y

ELCODE: ABPAT0201L

EO ID: 1181

First Obs: 1999-05-19

Last Obs: 1999-05-19

Confirmed:

Directions: APPROX. 1.5 MI SE OF KINGSTON.

County NameEcoregionSource Feature [Uncertainty Type (Distance)]

Linn

WV

Point [Areal - Estimated (200 m)]

Town-Range Sec NoteQuadCode QuadNameWatershed

009S001W 26

44122-G7 Stayton

1709000506 - NORTH SANTIAM RIVER, LOWER

Owner Name/TypeOwner CommentsManaged Area Name

PRIVATE

EO Type:

Minimum Elev.(m): 183

Annual Observations

EO Data: 1999: 1 BIRD OBSERVED.

EO Comments:

Protection:

Management:

General:

Scientific Name: *Progne subis*

Common Name: Purple martin

Federal Status: SOC

GRANK: G5

NHP List: 2

Category: Vertebrate Animal

State Status: SC

SRANK: S2B

HP Track: Y

ELCODE: ABPAU01010

EO ID: 20254

First Obs: 1998-07-23

Last Obs: 1998-07-23

Confirmed:

Directions: FROM STAYTON TAKE KINGSTON-JORDAN RD. CROSS THE RIVER AND RAILROAD TRACKS. TURN LEFT ON KINGSTON-LYONS RD, AND GO 1.5 MI. TURN LEFT AT THE SIGN "BIRDAVEN", GO UP THE GRAVEL LANE. THE NESTBOXES ARE NEAR THE GARDENS AND DOWN BELOW THE HOUSE IN THE MOWN F

County NameEcoregionSource Feature [Uncertainty Type (Distance)]

Linn

WV

Point [Areal - Estimated (50 m)]

Town-Range Sec NoteQuadCode QuadNameWatershed

009S001E 18

44122-G6 Stout Mountain

1709000506 - NORTH SANTIAM RIVER, LOWER

Owner Name/TypeOwner CommentsManaged Area Name

PRIVATE

FARM

EO Type:

Minimum Elev.(m): 226

Annual Observations

EO Data: 1998: 15 PAIRS NESTING IN BOXES.

EO Comments:

Protection:

Management:

General:

Scientific Name: *Pooecetes gramineus affinis*

Common Name: Oregon vesper sparrow

Federal Status: SOC

GRANK: G5T3

NHP List: 2

Category: Vertebrate Animal

State Status: SC

SRANK: S2B,S2N

HP Track: Y

ELCODE: ABPBX95011

EO ID: 13494

First Obs: 1999-05-26

Last Obs: 1999-05-26

Confirmed:

Directions: SW of Wisner Cemetery.

County NameEcoregionSource Feature [Uncertainty Type (Distance)]

Linn

WV

Point [Areal - Estimated (50 m)]

Town-Range Sec NoteQuadCode QuadNameWatershed

009S001W 26

44122-G7 Stayton

1709000506 - NORTH SANTIAM RIVER, LOWER

Owner Name/TypeOwner CommentsManaged Area Name

PRIVATE

EO Type:

Minimum Elev.(m): 168

Annual Observations

EO Data: 1999: 1 bird observed.

EO Comments:
Protection:
Management:
General:

Scientific Name: *Pooecetes gramineus affinis*

Common Name: Oregon vesper sparrow

Federal Status: SOC

GRANK: G5T3

NHP List: 2

Category: Vertebrate Animal

State Status: SC

SRANK: S2B,S2N

HP Track: Y

ELCODE: ABPBX95011

EO ID: 26250

First Obs: 1999-07-02

Last Obs: 1999-07-02

Confirmed:

Directions: Approx. 1mi SE of Kingston.

County Name

Ecoregion

Source Feature [Uncertainty Type (Distance)]

Linn

WW

Point [Areal - Estimated (50 m)]

Town-Range Sec Note

QuadCode QuadName

Watershed

009S001W 24

44122-G7 Stayton

1709000506 - NORTH SANTIAM RIVER, LOWER

Owner Name/Type

Owner Comments

Managed Area Name

Private

EO Type:

Minimum Elev.(m): 198

Annual Observations

EO Data: 1999: 1 male singing.

EO Comments:

Protection:

Management:

General:

Scientific Name: *Ammodramus savannarum*

Common Name: Grasshopper sparrow

Federal Status: SV/SP

GRANK: G5

NHP List: 2

Category: Vertebrate Animal

State Status: SV/SP

SRANK: S2B

HP Track: Y

ELCODE: ABPBXA0020

EO ID: 12542

First Obs: 1999-06-09

Last Obs: 1999-06-23

Confirmed:

Directions: APPROX. 1 MI SE OF STAYTON ISLAND.

County Name

Ecoregion

Source Feature [Uncertainty Type (Distance)]

Linn

WW

Point [Areal - Estimated (50 m)]

Town-Range Sec Note

QuadCode QuadName

Watershed

009S001W 24

44122-G6 Stout Mountain

1709000506 - NORTH SANTIAM RIVER, LOWER

Owner Name/Type

Owner Comments

Managed Area Name

PRIVATE

EO Type:

Minimum Elev.(m): 213

Annual Observations

EO Data: 1999: 1 MALE SINGING.

EO Comments:

Protection:

Management:

General:

Scientific Name: *Oncorhynchus tshawytscha pop. 23*

Common Name: Chinook salmon (Upper Willamette River ESU, spring run)

Federal Status: LT

GRANK: G5T2Q

NHP List: 1

Category: Vertebrate Animal

State Status:

SRANK: S2

HP Track: Y

ELCODE: AFCHA02052

EO ID: 94

First Obs:

Last Obs: 1999-PRE

Confirmed:

Directions: MILL CREEK & TRIBUTARIES

County Name

Ecoregion

Source Feature [Uncertainty Type (Distance)]

Marion

Data currently not available.

Town-Range Sec Note

QuadCode QuadName

Watershed

44122-G7 Stayton

17090007 - Middle Willamette

44122-G8 Turner

44122-H8 Salem East

44123-H1 Salem West

Owner Name/Type

Owner Comments

Managed Area Name

EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations
 EO Data: SPRING RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: *Oncorhynchus tshawytscha pop. 23*

Common Name: Chinook salmon (Upper Willamette River ESU, spring run)

Federal Status: LT	GRANK: G5T2Q	NHP List: 1	Category: Vertebrate Animal
State Status:	SRANK: S2	HP Track: Y	ELCODE: AFCHA02052
EO ID: 5008	First Obs:	Last Obs: 1999-PRE	Confirmed:
Directions: VALENTINE CREEK			

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Marion		Data currently not available.
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
	44122-G6 Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>

EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations
 EO Data: SPRING RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: *Oncorhynchus tshawytscha pop. 23*

Common Name: Chinook salmon (Upper Willamette River ESU, spring run)

Federal Status: LT	GRANK: G5T2Q	NHP List: 1	Category: Vertebrate Animal
State Status:	SRANK: S2	HP Track: Y	ELCODE: AFCHA02052
EO ID: 18370	First Obs:	Last Obs: 1999-PRE	Confirmed:
Directions: SANTIAM RIVER & TRIBUTARIES			

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Linn		Data currently not available.
Marion		
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
	44122-F3 Lawhead Creek	17090005 - North Santiam
	44122-F4 Mill City South	
	44122-F8 Crabtree	
	44122-G3 Elkhorn	
	44122-G4 Mill City North	
	44122-G5 Lyons	
	44122-G6 Stout Mountain	
	44122-G7 Stayton	
	44122-G8 Tumer	
	44123-F1 Albany	
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>

EO Type: SPAWNING & REARING - fish Minimum Elev.(m): Annual Observations
 EO Data: SPRING RUN. ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE. ODFW SALMONID DISTRIBUTION DOCUMENTATION 1998: NORTH SANTIAM RIVER, LITTLE NORTH SANTIAM RIVER. 1997: NORTH SANTIAM RIVER. 1952: NORTH SANTIAM RIVER.
 EO Comments:
 Protection:
 Management:
 General: DOCUMENTATION INFORMATION USED IN THIS EOR WAS DERIVED FROM THE ODFW SALMONID DISTRIBUTION DOCUMENTATION DIGITAL DATABASE DISTRIBUTED IN 2001. DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 33***
 Common Name: **Steelhead (Upper Willamette River ESU, winter run)**
 Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal
 State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA02138
 EO ID: 1134 First Obs: Last Obs: 1999-PRE Confirmed:
 Directions: NORTH SANTIAM RIVER & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Linn		Data currently not available.
Marion		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			44122-F3	Lawhead Creek	17090005 - North Santiam
			44122-F4	Mill City South	
			44122-F8	Crabtree	
			44122-G2	Battle Ax	
			44122-G3	Elkhorn	
			44122-G4	Mill City North	
			44122-G5	Lyons	
			44122-G6	Stout Mountain	
			44122-G7	Stayton	
			44122-G8	Turner	
			44123-F1	Albany	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
------------------------	-----------------------	--------------------------

EO Type: SPAWNING & REARING - fish Minimum Elev.(m): Annual Observations
 EO Data: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.
 EO Comments:
 Protection:
 Management:
 General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 33***
 Common Name: **Steelhead (Upper Willamette River ESU, winter run)**
 Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal
 State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA02138
 EO ID: 4118 First Obs: Last Obs: 1999-PRE Confirmed:
 Directions: ALDER CREEK

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Marion		Data currently not available.

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			44122-G6	Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type: MIGRATION - fish EO Data: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.	Minimum Elev.(m):	<u>Annual Observations</u>
EO Comments: Protection: Management: General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.		

Scientific Name: ***Oncorhynchus mykiss pop. 33***
 Common Name: **Steelhead (Upper Willamette River ESU, winter run)**
 Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal
 State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA02138
 EO ID: 9461 First Obs: Last Obs: 1999-PRE Confirmed:
 Directions: ALDER CREEK

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Marion		Data currently not available.
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
	44122-G6 Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type: REARING & MIGRATION - fish EO Data: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.	Minimum Elev.(m):	<u>Annual Observations</u>
EO Comments: Protection: Management: General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.		

Scientific Name: ***Oncorhynchus mykiss pop. 33***
 Common Name: **Steelhead (Upper Willamette River ESU, winter run)**
 Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal
 State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA02138
 EO ID: 16605 First Obs: Last Obs: 1999-PRE Confirmed:
 Directions: VALENTINE CREEK

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Marion		Data currently not available.
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
	44122-G6 Stout Mountain 44122-G7 Stayton	1709000506 - NORTH SANTIAM RIVER, LOWER

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type: REARING & MIGRATION - fish EO Data: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.	Minimum Elev.(m):	<u>Annual Observations</u>
EO Comments: Protection: Management:		

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: *Oncorhynchus mykiss pop. 33*

Common Name: Steelhead (Upper Willamette River ESU, winter run)

Federal Status: LT	GRANK: G5T2Q	NHP List: 1	Category: Vertebrate Animal
State Status: SC	SRANK: S2	HP Track: Y	ELCODE: AFCHA02138
EO ID: 19279	First Obs:	Last Obs: 1999-PRE	Confirmed:

Directions: MILL CREEK & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Marion		Data currently not available.

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			44122-G7	Stayton	17090007 - Middle Willamette
			44122-G8	Turner	
			44122-H8	Salem East	
			44123-H1	Salem West	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
------------------------	-----------------------	--------------------------

EO Type: SPAWNING & REARING - fish Minimum Elev.(m): Annual Observations

EO Data: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:
Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFWS DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: *Oregonichthys crameri*

Common Name: Oregon chub

Federal Status: LE	GRANK: G2	NHP List: 1	Category: Vertebrate Animal
State Status: SC	SRANK: S2	HP Track: Y	ELCODE: AFCJB56010
EO ID: 18585	First Obs: 1996-05-20	Last Obs: 2003-07-31	Confirmed:

Directions: Sensitive Data - contact ORNHIC for more information

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Marion	WW	Point [Areal - Estimated (100 m)] Point [Areal - Estimated (100 m)] Polygon [Negligible (8 m)]

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
009S001W	15		44122-G6	Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER
009S001W	10		44122-G7	Stayton	
009S001W	11				
009S001W	13				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
------------------------	-----------------------	--------------------------

CITY
CITY OF SALEM OWNS MOST OF THE ISLAND ALTHOUGH A FEW PRIVATE INHOLDINGS EXIST.

EO Type: YEAR-ROUND - fish Minimum Elev.(m): Annual Observations

EO Data: See annual observations.

- * 2003 - 1845 chub captured/estimated
- * 2002 - 747 chub captured/estimated
- * 2001 - 782 chub captured/estimated
- * 2000 - 359 chub captured/estimated
- * 1999 - 894 chub captured/estimated
- * 1998 - 1836 chub captured/estimated
- * 1997 - 9737 chub captured/estimated
- * 1996 - 12792 chub captured/estimated

EO Comments: Red-legged frog adults and eggs observed at site. Also tadpole, juvenile and adult bullfrogs and largemouth bass found.

Protection:

Management:

General: GEREN ISLAND IS THE SITE OF SALEM'S WATER SUPPLY AND FILTRATION PLANT. CHUBS WERE COLLECTED FROM A NUMBER OF SITES WITHIN A NETWORK OF CANALS, SLOUGHS AND PONDS CONNECTED WITH THE WATER TREATMENT PLANT. THE CITY HAS REQUESTED AN EXPANSION OF THE PLANT AND THE PROJECT IS CURRENTLY GOING THROUGH A BIOLOGICAL ASSESSMENT TO DETERMINE POTENTIAL IMPACTS TO CHUBS AND WETLANDS. PRELIMINARY DISCUSSIONS INDICATE THAT AN EASEMENT WILL BE GRANTED AND A RESERVE SET UP FOR THE LARGEST POND ON THE ISLAND (NORTH POND). Scheerer site #441, 442, 443, 444, 446, 447, 449, 574 and 612.

Scientific Name: *Emys marmorata marmorata*

Common Name: Northwestern pond turtle

Federal Status: SOC

GRANK: G3G4T3T4

NHP List: 2

Category: Vertebrate Animal

State Status: SC

SRANK: S2

HP Track: Y

ELCODE: ARAAD02031

EO ID: 2418

First Obs: 1997-06-09

Last Obs: 1999

Confirmed:

Directions: PIONEER PARK SLOUGH; OFF OF THE NORTH SANTIAM RIVER SOUTH OF STAYTON, NEAR THE STAYTON PARK TRAIL.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Marion	WW	Polygon [Negligible (8 m)]			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
009S001W	11		44122-G7	Stayton	1709000506 - NORTH SANTIAM RIVER, LOWER
009S001W	10				
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>			

EO Type: Minimum Elev.(m): 140 Annual Observations

EO Data: 1999: 6 adults observed basking. 1997: 1 turtle.

EO Comments:

Protection:

Management:

General: REPORTED BY PAUL SCHEERER, ODPW.

Scientific Name: *Emys marmorata marmorata*

Common Name: Northwestern pond turtle

Federal Status: SOC

GRANK: G3G4T3T4

NHP List: 2

Category: Vertebrate Animal

State Status: SC

SRANK: S2

HP Track: Y

ELCODE: ARAAD02031

EO ID: 25544

First Obs:

Last Obs: 1999

Confirmed:

Directions: Valentine Cr. @ 16253 Old Mehama Road SE; E. of Stayton

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Marion	WW	Point [Areal - Estimated (50 m)]			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
009S001E	08		44122-G6	Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>			

EO Type: Minimum Elev.(m): 162 Annual Observations

EO Data: 1999: exact date not specified, 1 adult turtle observed basking.

EO Comments:

Protection:

Management:

General:

Scientific Name: *Lomatium bradshawii*

Common Name: Bradshaw's lomatium

Federal Status: LE

GRANK: G2

NHP List: 1

Category: Vascular Plant

State Status: LE

SRANK: S2

HP Track: Y

ELCODE: PDAPH18030

EO ID: 22909

First Obs: 1988

Last Obs: 1988-07-26

Confirmed:

Directions: BETWEEN KINGSTON & LYONS. TAKE KINGSTON-LYONS RD. TOWARDS LYONS, FOR 1.6 MI. TO SHARP RIGHT TURN. SIGHT IS STRAIGHT AHEAD. PLANTS ARE IN SEASONAL CREEK BED.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Linn	WV	Polygon [Areal - Delimited (8 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
009S001E 19	44122-G6 Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
PRIVATE		KINGSTON PRAIRIE PRESERVE
EO Type:	Minimum Elev.(m): 229	<u>Annual Observations</u>
EO Data: ABOUT 1000 PLANTS CONCENTRATED IN A 3-4 ACRE PATCH ALONG THE SEASONAL CREEK DRAINAGE. POPULATION FRUITING & FLOWERING WELL, IN SPITE OF VERY LIMITED HABITAT.		* 1988 - 1000
EO Comments: SHALLOW SOILED, BASALT CREEK BED & VERNAL POOLS. DOMINATED BY MIMGUT, DESCAE, ALOGEN, CAREX, JUNCUS & ELEOCHARIS, ALLIUM SP., POASCR & DANCAL. SURROUNDED BY FESRUB PRAIRIE.		
Protection: NEEDS TNC PROTECTION ASAP!		
Management:		
General: GRAZING IS AN IMMEDIATE THREAT, AS IS FARMING. AREA WILL BE DEVELOPED SHORTLY (RECENTLY SUBDIVIDED)		

Scientific Name: *Erigeron decumbens var. decumbens*Common Name: **Willamette Valley daisy**

Federal Status: LE GRANK: G4T1 NHP List: 1 Category: Vascular Plant

State Status: LE SRANK: S1 HP Track: Y ELCODE: PDAST3M133

EO ID: 11171 First Obs: 1988 Last Obs: 1988-07-26 Confirmed:

Directions: BETWEEN KINGSTON & LYONS. TAKE KINGSTON-LYONS ROAD TOWARDS LYONS FOR 1.6 MILES TO SHARP RIGHT HAND TURN. SITE IS STRAIGHT AHEAD. PLANTS ARE ALSO ON E SIDE OF RD, 0.1 MI. FURTHER.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Linn	WV	Polygon [Areal - Delimited (8 m)] Polygon [Areal - Delimited (8 m)] Polygon [Areal - Delimited (8 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
009S001E 19 009S001E 24	44122-G6 Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
PRIVATE		KINGSTON PRAIRIE PRESERVE
EO Type:	Minimum Elev.(m): 229	<u>Annual Observations</u>
EO Data: ABOUT 200 PLANTS, 150 ON E. SIDE OF ROAD AND 50 ON W. SIDE OF RD. (AT THE SOUTH END OF SITE). PLANTS SCATTERED IN DRIER AREAS OF SITE. LARGE & ROBUST.		* 1988 - 200 PLANTS
EO Comments: RED FESCUE PRAIRIE DOMINATED BY FESRUB, AGREXA, AGRTEN & PANCAL WITH AGRDAS, FESIDA, FESARU, ANTODA AND MANY NATIVE FORBS. ALLUVIAL SILTY SOIL, SHALLOW IN SPOTS.		
Protection: NEEDS TNC ACQUISITION TO PREVENT DEVELOPMENT.		
Management:		
General: ALVERSON COLLECTION, OSC. 1988.		

Scientific Name: *Aster curtus*Common Name: **White-topped aster**

Federal Status: SOC GRANK: G3 NHP List: 1 Category: Vascular Plant

State Status: LT SRANK: S2 HP Track: Y ELCODE: PDASTEFO10

EO ID: 7265 First Obs: 1990 Last Obs: 1990-07-22 Confirmed:

Directions: KINGSTON PRAIRIE, ALONG N. FENCELINE OF FRICHTL PROPERTY DUE EAST OF 90 DEGREE CURVE, 4 PATCHES SCATTERED AT EDGE OF PARCEL AND IN THE RIGHT-OF-WAY ACROSS THE FENCE

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Linn	WV	Point [Areal - Estimated (50 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
009S001E 19	44122-G6 Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
PRIVATE	RUBY FRICHTL	KINGSTON PRAIRIE PRESERVE

EO Type: Minimum Elev.(m): 229 Annual Observations
 EO Data: AN ESTIMATED 75 RAMETS WERE OBSERVED IN 4 * 1990 - 75 RAMETS
 DIFFERENT PATCHES; ADDITIONAL COLONIES MAY OCCUR
 IN THE AREA. IN <1 ACRE
 EO Comments: REMNANT OF FESTUCA RUBRA/IDAHOENSIS PRAIRIE, WITH POTENTILLA GRACILIS, SIDALCEA CAMPESTRIS,
 ASTER HALLII, SOLIDAGO CANADENSIS. FENCE ROW AND R.O.W. MAY HAVE PROVIDED PROTECTION FROM
 GRAZING.
 Protection:
 Management: CYTISUS SCOPARIUS IS COLONIZING THE SITE
 General:

Scientific Name: *Lathyrus holochlorus*

Common Name: Thin-leaved peavine

Federal Status: SOC GRANK: G2 NHP List: 1 Category: Vascular Plant
 State Status: SRANK: S2 HP Track: Y ELCODE: PDFAB250B0
 EO ID: 5269 First Obs: 1988-05-15 Last Obs: 1988-05-15 Confirmed:
 Directions: WISNER CEMETERY. 1 MI S OF KINGSTON. POP ACROSS RD FROM CEMETARY.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Linn	WW	Point [Areal - Estimated (50 m)]			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
009S001W	23		44122-G7	Stayton	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>			

EO Type: Minimum Elev.(m): 177 Annual Observations
 EO Data: [NO EODATA GIVEN]
 EO Comments: NEKIA SILTY CLAY LOAM (CLASS III).
 Protection:
 Management:
 General: 1990 REPORT FOR LOCATING NATIVE GRASSLAND REMNANTS IN THE MID-WILLAMETTE VALLEY BY EDWARD
 ALVERSON.

Scientific Name: *Cimicifuga elata*

Common Name: Tall bugbane

Federal Status: C GRANK: G3 NHP List: 1 Category: Vascular Plant
 State Status: C SRANK: S3 HP Track: Y ELCODE: PDRAN07030
 EO ID: 2751 First Obs: 1998-06-30 Last Obs: 1998-06-30 Confirmed:
 Directions: S OF BEAR BRANCH.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Linn	WW	Point [Areal - Estimated (50 m)]			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
009S001W	25		44122-G7	Stayton	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>			
COUNTY	LINN COUNTY RIGHT OF WAY				

EO Type: Minimum Elev.(m): 244 Annual Observations
 EO Data: ONE PLANT; IN BUD. * 1998 - 1 PLANT
 EO Comments: PLANT GROWING IN A BRUSHY RW AREA ALONG COUNTY RD, KINGSTON JORDAN RD; PSME OVERSTORY; MID
 SLOPE; FILTERED LIGHT; MOIST; ASSOC SPECIES: PSME, POMU.
 Protection:
 Management:
 General: 1998 BLM PLANT SIGHTING REPORT; TERRY FENNELL REPORTER.

Scientific Name: *Delphinium oregonum*

Common Name: Willamette Valley larkspur

Federal Status: SOC GRANK: G1Q NHP List: 1 Category: Vascular Plant
 State Status: C SRANK: S1 HP Track: Y ELCODE: PDRAN08220
 EO ID: 16633 First Obs: 1989 Last Obs: 2000-06-28 Confirmed:
 Directions: KINGSTON PRAIRIE. FROM STAYTON DRIVE S ON FIRST STREET WHICH CROSSES THE N SANTIAM RIVER AND
 BECOMES STAYTON-SCIO ROAD. ~1/4 MI AFTER CROSSING THE RIVER, TURN LEFT (E) ON KINGSTON-JORDAN
 DR. GO ~1 MI, JUST PAST A RAILROAD CROSSING, TURN LEFT ON KINGSTON-

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Linn	WV	Polygon [Areal - Delimited (8 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
009S001E 19	44122-G6 Stout Mountain	1709000506 - NORTH SANTIAM RIVER, LOWER
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
PRIVATE	THE NATURE CONSERVANCY, OREGON FIELD OFFICE. THIS TRACT HAS BEEN IN TNC OWNERSHIP SINCE 1996.	KINGSTON PRAIRIE PRESERVE
EO Type:	Minimum Elev.(m): 229	<u>Annual Observations</u>
EO Data:	~1280 FLOWERING PLANTS, IN 12 SEPARATE PATCHES OVER AN AREA OF ~20 ACRES.	
EO Comments:	MODERATE QUALITY UPLAND PRAIRIE THAT ALSO SUPPORTS A GOOD POP OF ERDED. ASSOC WITH: FESTUCA ROEMERI, FESTUCA RUBRA, AGROSTIS CAPILLARIS, FESTUCA ARUNDINACEA, ERIOPHYLLUM LANATUM, SIDALCEA CAMPESTRIS, BRODIAEA HYACINTHINA, ACHILLEA MILLEFOLIUM, ASTER HALLII, PRUNELLA VULGARIS VAR LANCEOLATA.	
Protection:	POP EXTENDS TO THE N OFF NATURE CONSERVANCY LAND ONTO THE ROW OF A PRIVATE DRIVE.	
Management:	SCOTS BROOM PATCHES WERE REMOVED IN 1997/1998 WITH ANNUAL FOLLOW-UP SINCE THEN.	
General:	2000 PLANT SIGHTING REPORT, ED ALVERSON REPORTER. MAY BE ONE OF THE BEST PROTECTED SITES FOR THIS SPECIES. TENDS TO OCCUR IN AREAS OF DEEPER SOILS. NEED TO SURVEY OTHER TNC TRACTS FOR THIS SPECIES.	

25 records total

Key to Oregon Natural Heritage Information Center Data

Field Name	Description
Scientific Name	The scientific name of the species.
Common Name	The common name of the species.
Category	Value that indicates the broad biological category for each species.
ELCODE	Unique Heritage Program code for identifying this element. 1st and 2nd byte (PD=Plant dict, PM=Plant monocot, PG=Plant gymnosperm, PP=Plant pteridophyte, AA=amphibian, AB=bird, AF=fish, AM=mammal, AR=reptile, I=invertebrate. 3rd-5th byte (family abbreviation). 6th-7th (genus code). 8th-9th (species). 10th (tie breaker).
Federal Status	US Fish and Wildlife Service or National Marine Fisheries Service status. LE=listed endangered, LT=listed threatened, PE or PT=proposed endangered or threatened, C=candidate for listing with enough information available for listing, SOC=species of concern, -PD=proposed delisting, -NL=not listed (in part of the range).
State Status	For animals, Oregon Department of Fish and Wildlife status; LE=listed endangered, PE=proposed endangered, PT=proposed threatened, SC or C=sensitive-critical, SV or V=sensitive-vulnerable, SP or P=sensitive-peripheral, SU or U=sensitive-undetermined status. For plants, Oregon Department of Agriculture status; LE=listed endangered, LT=listed threatened, C=candidate.
GRANK/SRANK	ORNHIC participates in an international system for ranking rare, threatened and endangered species throughout the world. The system was developed by The Nature Conservancy and is now maintained by NatureServe in cooperation with Heritage Programs or Conservation Data Centers (CDCs) in all 50 states, in 4 Canadian provinces, and in 13 Latin American countries. The ranking is a 1-5 scale, primarily based on the number of known occurrences, but also including threats, sensitivity, area occupied, and other biological factors. In this book, the ranks occupy two lines. The top line is the Global Rank and begins with a "G". If the taxon has a trinomial (a subspecies, variety or recognized race), this is followed by a "T" rank indicator. A "Q" at the end of this line indicates the taxon has taxonomic questions. The second line is the State Rank and begins with the letter "S". The ranks are summarized as follows: 1 = Critically imperiled because of extreme rarity or because it is somehow especially vulnerable to extinction or extirpation, typically with 5 or fewer occurrences; 2 = Imperiled because of rarity or because other factors demonstrably make it very vulnerable to extinction (extirpation), typically with 6-20 occurrences; 3 = Rare, uncommon or threatened, but not immediately imperiled, typically with 21-100 occurrences; 4 = Not rare and apparently secure, but with cause for long-term concern, usually with more than 100 occurrences; 5 = Demonstrably widespread, abundant, and secure; H = Historical Occurrence, formerly part of the native biota with the implied expectation that it may be rediscovered; X = Presumed extirpated or extinct; U = Unknown rank; ? = Not yet ranked, or assigned rank is uncertain.
NHP list	All rare species in Oregon are assigned a list number of 1, 2, 3 or 4, where 1=threatened or endangered throughout range, 2=threatened or endangered in Oregon but more common elsewhere, 3=Review List (more information is needed), 4=Watch List (currently stable). A null value indicates the species is not currently on our rare species list.
HP Track	We currently obtain and computerize locational information for only those elements marked with Y(es). Those species marked with N(o) or W(atch) have incomplete data because we do not actively track them at this time.
EO ID	Unique identifier for the Element Occurrence (EO).
First_obs	First reported sighting date for this occurrence in the form YYYY-MM-DD.
Last_obs	Last reported sighting date, usually in the form YYYY-MM-DD.
Confirmed	Indication of whether taxonomic identification of the Element represented by this occurrence has been confirmed by a reliable individual. Blank=unknown, assumed to be correctly identified. Y=Yes, confident identification. ?=identification questions.
Directions	Site name and/or directions to site.
County	County name(s) in which EO is mapped.
Ecoregion	Physiographic Province in which EO is mapped: CR=Coast Range, WV=Willamette Valley, KM=Klamath Mountains, WC=West slope and crest of the Cascades, EC=East slope of the Cascades, BM=Ochoco, Blue and Willowa Mts., BR=Basin and Range, CB=Columbia Basin, SP=Snake River Plains.

Key to Oregon Natural Heritage Information Center Data

Field Name	Description
Source Feature	<p>A Source Feature is the initial translation of a discrete unit of observation data as a spatial feature. Creation of a Source Feature requires an interpretive process. The likely location and extent of an observation is determined through consideration of the amount and direction of any variability between the recorded and actual locations of the observation data. In most cases, the Source Feature is delineated to encompass locational uncertainty.</p> <p>A Source Feature can be a point, line, or polygon. The type of Source Feature developed depends on both the preceding conceptual feature type and the locational uncertainty associated with the feature.</p>
Uncertainty Type (Distance)	<p>The recorded location of an observation of an Element may vary from its true location due to many factors, including the level of expertise of the data collector, differences in survey techniques and equipment used, and the amount and type of information obtained. This inaccuracy is characterized as locational uncertainty, and is assessed for Source Feature(s) based on the uncertainty associated with the underlying information on the location of the observation.</p> <p>Four categories of locational uncertainty have been identified, as follows:</p> <p><u>Negligible</u> uncertainty is less than or equal to 6.25 meters in any dimension. Source Features with negligible uncertainty are based on a comprehensive field survey with high quality mapping and a high degree of certainty.</p> <p><u>Linear</u> uncertainty is greater than 6.25 meters, and varies along an axis (e.g., a path, stream, ridgeline). The true location of an observation with linear uncertainty may be visualized as effectively sliding along a line that delineates the uncertainty.</p> <p><u>Areal delimited</u> uncertainty is greater than 6.25 meters, and varies in more than one dimension. The true location of an observation can be visualized as floating within an area with a boundary that can be specifically delimited. Boundaries can be defined using roads, bodies of water, etc.</p> <p><u>Areal estimated</u> uncertainty is greater than 6.25 meters, and varies in more than one dimension. A boundary cannot be specifically delimited based on the observation information, i.e., the actual extent is unknown. The true location of the observation can be visualized as floating within an area for which boundaries cannot be specifically delimited. Source Features with areal estimated uncertainty require that the user specify an estimated uncertainty distance to be used for buffering the feature to incorporate the locational uncertainty.</p>
Town-Range, Sec, and Note	United States rectangular land survey (also known as the Public Land Survey System) legal township, range, and section descriptions that best define the location of the Element Occurrence. Township first (4 bytes), range second (4 bytes). For example: 004S029E = Township 4S, Range 29E. All locations are with reference to the Willamette Meridian. Fractional ranges or townships are indicated in the Note field.
Quadcode	USGS code for the USGS topographic quadrangle map(s) where the record is mapped.
Quadname	Name of the USGS topographic quadrangle map(s) where the record is mapped.
Watershed	Watershed(s), identified according to the U.S. Geological Survey (USGS) Hydrologic Unit Map 10-digit code, within which the Element Occurrence is located.
Owner Name/Type and Comments	Federal, State, Private, etc.
Managed Area Name	BLM District, USFS Forest, Private Preserve
EO Type	For animals, type of occurrence, eg. roost, nest, spawning, etc.
EO Data	Species and population biology - numbers, age, nesting success, vigor, phenology, disease, pollinators, etc.
EO Comments	Habitat information, e.g. aspect, slope, soils, associated species, community type, etc.
Minimum Elevation	Minimum elevation of the area covered by the range of the taxon, in meters. -339 or blank=not determined.
Annual Observation	Summary of yearly observation.
Protection	Comments on protectibility and threats.
Management	Comments on how the site is managed.
General	Miscellaneous comments.

Appendix B.5

Marion County Standards

FLOODPLAIN/GREENWAY APPLICATIONS

inside 100 yr - floodplain

PURPOSE OF THE FLOODPLAIN OVERLAY ZONE:

- (a) Restrict or prohibit uses which are dangerous to health, safety and property due to water or erosion hazards or which result in damaging increases in erosion or in flood heights or velocities.
- (b) Minimize expenditure of public money for flood control projects and rescue and relief efforts in areas subject to flooding.
- (c) Minimize flood damage to new construction by elevating or flood proofing all structures.
- (d) Control the alteration of natural floodplains, stream channels, and natural protective barriers which hold, accommodate, or channel flood waters.
- (e) Control filling, grading, dredging, and other development which may be subject to, or increase, flood damage.
- (f) Prevent or regulate the construction of flood barriers which may increase flood hazards in other areas.
- (g) Comply with the requirements of the Federal Insurance Administration to qualify Marion County for participation in the National Flood Insurance Program.
- (h) Minimize flood insurance premiums paid by the citizens of Marion County by reducing potential hazards due to flood damage.
- (i) Implement the floodplain/greenway policies in the Marion County Comprehensive Plan.

GENERAL PROVISIONS: The following regulations apply to all lands in identified floodplains as shown graphically on the zoning maps. The floodplain is the area of special flood hazard identified by the Federal Insurance Administration in a scientific and engineering report entitled "The Flood Insurance Study for Marion County, Oregon, Unincorporated Areas", dated August 15, 1979, with accompanying Flood Insurance Rate Maps and amendments taking effect as of August 19, 1987. When base flood elevation data has not been provided, the Planning Division shall have the authority to determine the location of the boundaries of the floodplain where there appears to be a conflict between a mapped boundary and the actual field conditions, provided a record is maintained of any such determination.

- (a) Duties of the Planning Division shall include, but not be limited to:
 - (1) Review all development permits to determine that the permit requirements of the Floodplain/Greenway Ordinances have been satisfied.
 - (2) Review all development permits to determine that all necessary permits have been obtained from those Federal, State, or local governmental agencies from which prior approval is required.
 - (3) Review development permits to determine if the proposed development is located in the floodway. If located in the floodway, assure that the encroachment provisions of Section 178.060 (j) are met.

In order to determine whether or not a particular Floodplain/Greenway Permit will be approved, the Planning Division will require evidence from the applicant which addresses the criteria for development in the Floodplain/Greenway. This information should be included in the "Applicant's Statement". Failure to address the criteria may result in denial of your request or a delay in processing. A copy of the entire Floodplain or Greenway Ordinance is available from the Planning Division.

PROCEDURE:

- A. Once a complete application is received, the Planning Division will request comments from other County departments and affected agencies and special districts.
- B. After receiving a response from these entities, the Planning Division will check the application for compliance with: a) the County Comprehensive Plan, b) the County Zoning Ordinance, c) the Oregon Statewide Planning Goals, and d) other applicable ordinances and regulations. The Planning Division will approve or conditionally approve the application if it clearly complies with all land use laws.
- C. Notice of the decision, including findings, is sent to the applicant and, if approved, notice is also sent to property owners within the notification area. There is a 12 day appeal period. The appeal process and, if approved, any conditions attached are explained on the Notice of Decision.

APPLICATION REQUIREMENTS: A complete floodplain/greenway application consists of the following:

- A. The attached application form filled out completely in ink.
- B. Copy of the officially recorded title transfer instrument (deed, warranty deed, or contract) that shows the legal description for the parent parcel. Title reports are not acceptable. Available at the Clerk's Office, 1st floor of the County Courthouse, 100 High St. NE.
- C. Plot Plan (see example) on a separate sheet of paper 8 1/2" X 11", drawn in ink, showing the location of the proposed use and its distance from other structures, property lines, roads and other features. The Plot Plan must be reviewed and initiated as approved by a Plans Examiner from the Building Inspection Division.
- D. A written statement which explains how the proposal meets each applicable criteria contained in the County's Floodplain and/or Greenway Ordinances, whichever applies. Additional information may be submitted that can assist the Planning Division in determining whether the proposed new use meets the applicable criteria. Such information could include floodproofing and anchoring proposals, certification by a registered professional engineer or architect demonstrating that any proposed encroachments into the floodway will not result in any increase in flood levels during major floods, identification of unusual terrain features, and statements or drawings or photos of the proposed external appearance of the proposed activity as viewed from the river (if within the greenway).
- E. Filing fee (make check payable to Marion County).

TO ENSURE YOU HAVE ALL NECESSARY ITEMS USE LIST ABOVE AS CHECK-OFF

NOTE: If all required information is not presented at the time you submit the application, it will be returned. Until a Planner has certified that the application is complete, no file will be set up and no processing will occur. If the application is withdrawn after the application has been certified complete and the file set up or fee deposited, the entire fee cannot be refunded. Partial refunds are at the discretion of the Planning Division based on the amount of staff work undertaken.

MARION COUNTY FLOODPLAIN/GREENWAY DEVELOPMENT APPLICATION

Effective 08/01/02

Applicant: Please check one or both of the following:

FLOODPLAIN DEVELOPMENT PERMIT ()
fee: \$910.00

GREENWAY DEVELOPMENT PERMIT ()
fee: \$910.00

APPLICATIONS RETURNED BY MAIL
WILL NOT BE ACCEPTED

If the Planning Division has questions about this application, who should be contacted?

Name

Address

Daytime phone (8:00 a.m.- 4:30 p.m.)

1. Property owners

Address and zip code

2. Contract and/or mortgage holders
(if any)

Address and zip code

3. The owners of record of the subject property do hereby request permission to (describe the request and list each item separately):

FOR OFFICE USE ONLY

Section _____ Township _____ Range _____

Tax lot number(s) _____

Zone _____

Zone map number _____

Name of watercourse and river mile location:

Type of case _____

urban or rural

Application elements submitted:

__ (a) Title transfer instrument

__ (b) Plot plan

__ (c) Applicant's statement

__ (d) Filing fee

__ (e) GeoHazard Peer Review (if applicable)

Date app. determined complete

Application accepted by

4. Location of the property (street address, or if not addressed, state the nearest intersecting street or known landmark. Also, please give the name of the river mile location of the proposed floodplain and/or greenway development).

5. If the proposed use or development is within the floodplain as identified on the official zoning maps of Marion County, please fill in the following:

Zone AE: FEMA Base Flood Elevation from FIRM map or stream study _____

Zone A, AO: Highest land elevation within 5 (five) feet of the development site _____ (USGS mean feet above sea level).

All Zones: The elevation above sea level of: 1) the lowest floor (including basements) of the proposed structure or development, 2) the lowest floor of any existing structures and other developments, and 3) the top of any proposed fill.

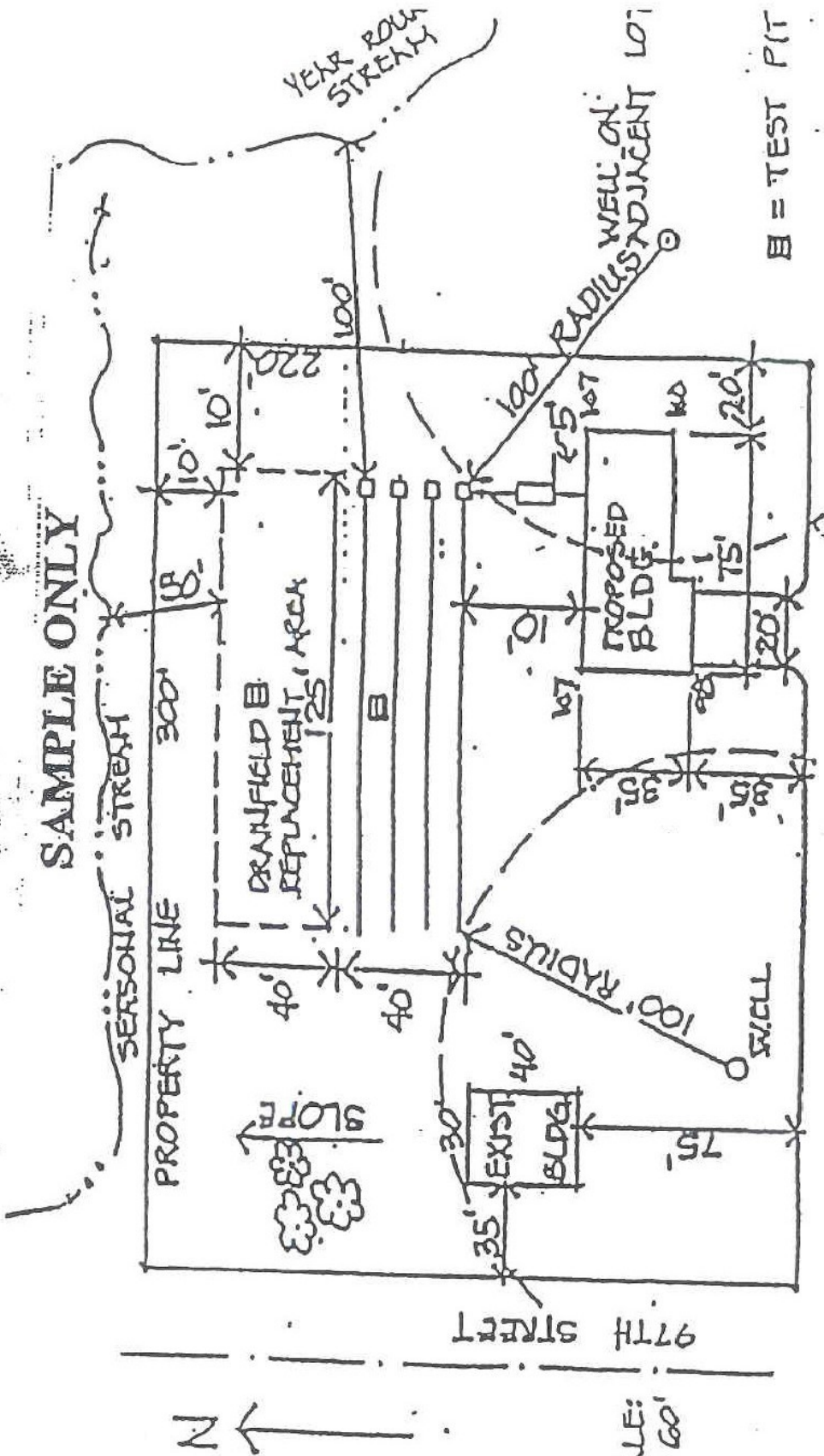
- (1) _____
proposed use (USGS mean feet above sea level)
- (2) _____
existing use(s) elevation
- (3) _____
proposed fill or grade elevation and/or elevation of any altered topography

6. THE APPLICANT(S) SHALL CERTIFY THAT:

- (a) If the application is granted, the applicant(s) will exercise the rights granted in accordance with the terms and subject to all the conditions and limitations of the approval.
- (b) I/We hereby declare under penalties of false swearing (ORS 162.075 and 162.085) that all of the above information and statements and the statements in the plot plan, attachments and exhibits transmitted herewith are true; and the applicants so acknowledge that any permit issued on the basis of this application may be revoked if it is found that any such statements are false.
- (c) The applicants have read the entire contents of the application, including the policies and criteria, and understand the requirements for approving or denying the application.
- (d) I/We hereby grant permission for and consent to Marion County, its officers, agents, and employees coming upon the above-described property to gather information and inspect the property whenever it is reasonably necessary for the purpose of processing this application.

DATED this _____ day of _____ 20_____

SIGNATURES of each owner of the subject property:



SCALE:
1" = 60'

97TH STREET



INSTRUCTIONS FOR PREPARING A RESIDENTIAL SITE PLAN

Site plan must be current, drawn to scale on 8 ½ x 11 paper, and show all property lines. If unable to draw to scale, property lines must still be shown noting actual dimensions or total acreage.

Failure to include all of the items listed below may delay the review necessary to obtain a permit

ITEMS THAT MUST BE SHOWN ON YOUR SITE PLAN:

1. **NORTH ARROW.**
2. **SCALE OF DRAWING.**
3. **STREET NAME** accessing the parcel.
4. **ALL PROPERTY LINES AND DIMENSIONS** – existing and proposed.
5. **DRIVEWAYS AND ROADS** – existing and proposed.
6. **EXISTING AND PROPOSED STRUCTURES** - label as “*Proposed*” and “*Existing*”. Include dimensions and distance to all property lines and other structures.
7. **UTILITY LINES AND EASEMENTS.**
8. **GEOGRAPHIC FEATURES** – ground slope and direction of slope, escarpments, streams, ponds, or other drainage ways.
9. **WELLS** – existing and proposed on this parcel and adjacent parcels within 100 feet.
10. **FENCES, RETAINING WALLS** – location of existing and/or proposed.
11. **PARTITIONING** (if applicable) – shown by dotted lines, with parcels labeled as “*Parcel 1*”, “*Parcel 2*”, etc.
12. **SEPTIC SYSTEM and REPLACEMENT AREA** – existing and proposed. Show existing septic tank, drainfield lines and distance from structure(s).
13. **CUTS/FILLS** – show existing and proposed.
14. **ELEVATIONS** – at lot corners or construction area and at corners of building site.

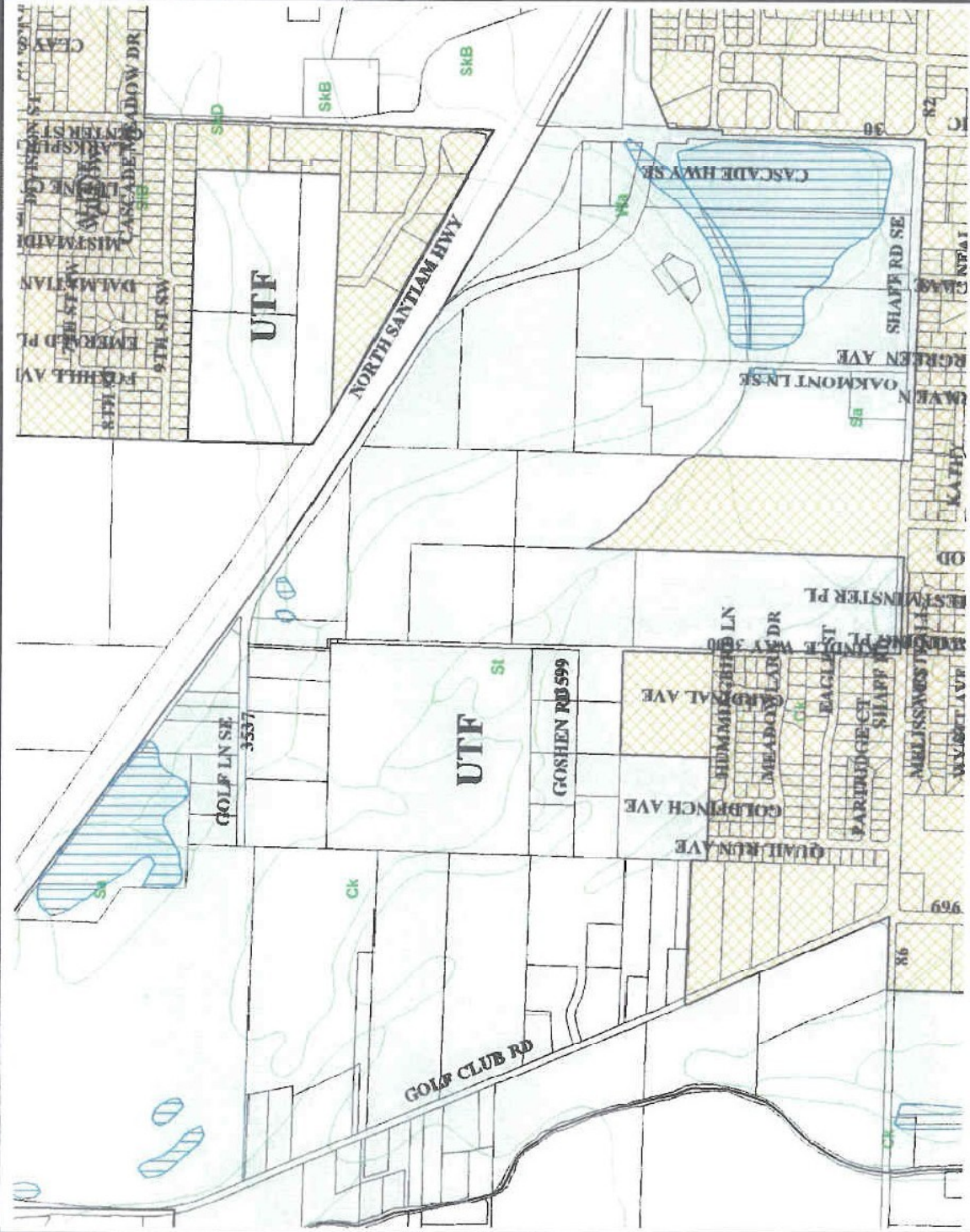
If sanitary sewer service is not available, a septic system must be installed. Include the following additional items on the site plan:

TEST HOLES – show distances between holes and property lines. One test hole should be located in the center of the initial system installation site, the other in the center of the replacement area. Accuracy of location is very important.

Additional information, such as patio slabs, walkways, roof overhangs, etc., may be required for the issuance of your permit.

USE THE REVERSE SIDE OF THIS FORM TO DRAW YOUR SITE PLAN

Marion County Map Wetlands and Land Use



- Legend**
- CITY LIMITS
 - COUNTY
 - SOILS
 - STATE HWY
 - TAXLOTS
 - WETLANDS
 - ZONING
 - CC
 - IUC
 - IUC-LU
 - AR
 - AR-2
 - AR-3
 - AR-4
 - AR-5
 - AR-LU
 - CG
 - CG-LU
 - CO
 - CO-LU
 - <more>

1in. = 1000ft.



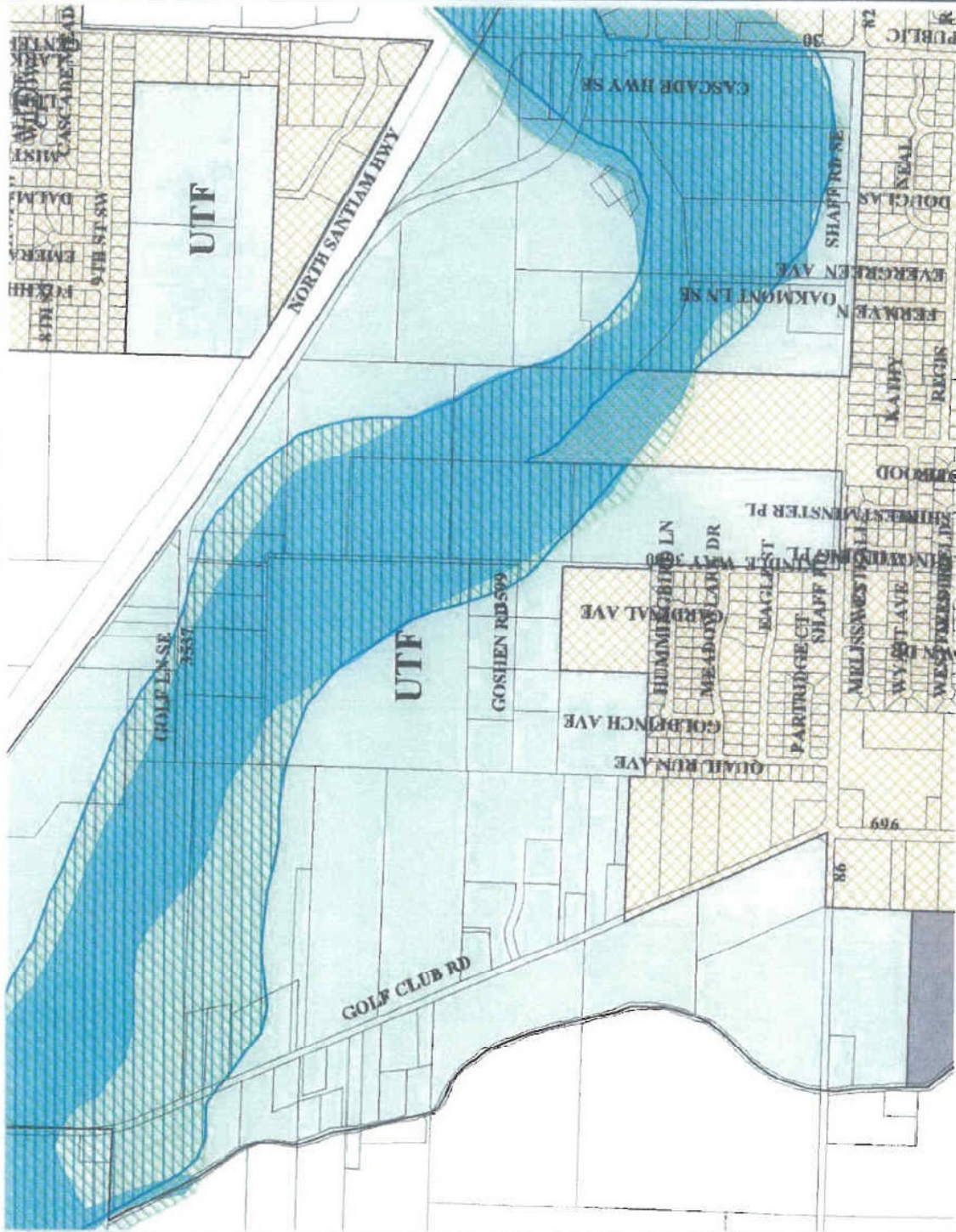
Vicinity



This map was produced using the Marion County GIS data. The GIS data is maintained by the county to support its governmental activities. The County is not responsible for map errors, omissions, misuses or misinterpretation.

03/11/2004

Marion County Map



- Legend**
- CITY LIMITS
 - COUNTY
 - MC 1000YR
 - MC 5000YR
 - MILL CRK BASIN
 - STATE HWY
 - TAXLOTS
 - ZONING**
 - CC
 - IUC
 - IUC-LU
 - AR
 - AR-2
 - AR-3
 - AR-4
 - AR-5
 - AR-LU
 - CG
 - CG-LU
 - CO
 - <more>

1in. = 1000ft.



Vicinity



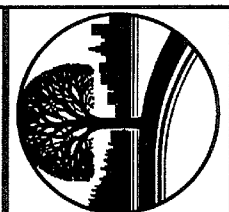
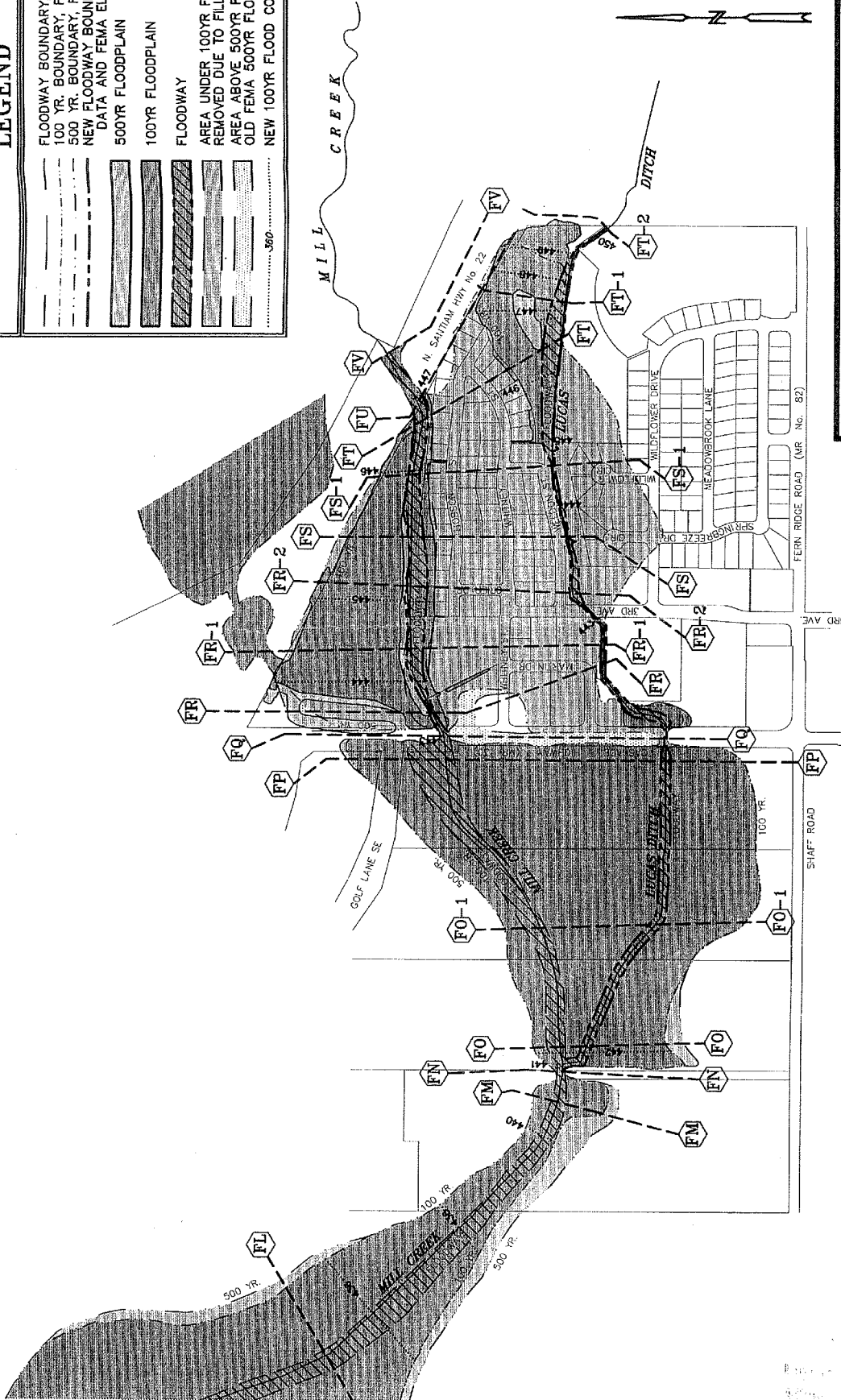
03/11/2004

This map was produced using the Marion County GIS data. The GIS data is maintained by the county to support its governmental activities. The County is not responsible for map errors, omissions, misuse or misinterpretation.

Letter of Map Revision (LOMR) Figure

LEGEND

- FLOODWAY BOUNDARY, FEMA MAPS
- 100 YR. BOUNDARY, FEMA MAPS
- 500 YR. BOUNDARY, FEMA MAPS
- NEW FLOODWAY BOUNDARY, FIELD DATA AND FEMA ELEVATIONS
- 500YR FLOODPLAIN
- 100YR FLOODPLAIN
- FLOODWAY
- AREA UNDER 100YR FLOOD ELEVATION REMOVED DUE TO FILL (LOMR-F)
- AREA ABOVE 500YR FLOOD ELEVATION OLD FEMA 500YR FLOODPLAIN (LOMR)
- NEW 100YR FLOOD CONTOURS



CITY OF STAYTON

LOMR-F APPLICATION
MILL CREEK/LUCAS DITCH

Scale: 1" = 500'	Date: FEB 25, 2004	Revised:
Design: ACS	Job No.	
Drawn: ACS	Sheet	
Chkd: CFB	1 of 1	

Boatwright Engineering, Inc.
2613 12th Street SE, SALEM, OREGON 97302
TEL: (503) 365-9225 • FAX: (503) 363-1051

Appendix B.6

Threatened and
Endangered
Species Summary

Threatened and Endangered Species System (TESS)

Listings by State and Territory as of 03/09/2004

Oregon

Notes:

- Displays one record per species or population.
- This list does not include experimental populations and similarity of appearance listings.
- The range of a listed population does not extend beyond the states in which that population is defined.
- This list does not include non-nesting sea turtles and whales in State/Territory coastal waters.
- Includes species or populations under the sole jurisdiction of the National Marine Fisheries Service.

Go to the [Threatened and Endangered Wildlife and Plants Page](#)
 Go to the [TESS Home Page](#)

[View All Listed Species in State](#)

[Return to US Map](#)

- [Click on the highlighted scientific names below to view a Species Profile for each listing.](#)

Oregon -- 50 listings

Animals -- 32

Status	Listing
E	Albatross, short-tailed (<i>Phoebastria (=Diomedea) albatrus</i>)
E	Butterfly, Fender's blue (<i>Icaricia icarioides fenderi</i>)
T	Butterfly, Oregon silverspot (<i>Speyeria zerene hippolyta</i>)
E	Chub, Borax Lake (<i>Gila boraxobius</i>)
T	Chub, Hutton tui (Hutton) (<i>Gila bicolor ssp.</i>)
E	Chub, Oregon (<i>Oregonichthys crameri</i>)
T	Dace, Foskett speckled (Foskett) (<i>Rhinichthys osculus ssp.</i>)
E	Deer, Columbian white-tailed Columbia River DPS (<i>Odocoileus virginianus leucurus</i>)
T	Eagle, bald (lower 48 States) (<i>Haliaeetus leucocephalus</i>)
T	Fairy shrimp, vernal pool (<i>Branchinecta lynchi</i>)
T	Murrelet, marbled (CA, OR, WA) (<i>Brachyramphus marmoratus marmoratus</i>)
T	Owl, northern spotted (<i>Strix occidentalis caurina</i>)
E	Pelican, brown (except U.S. Atlantic coast, FL, AL) (<i>Pelecanus occidentalis</i>)
T	Plover, western snowy (Pacific coastal pop.) (<i>Charadrius alexandrinus nivosus</i>)
T	Salmon, chinook (fall Snake R.) (<i>Oncorhynchus (=Salmo) tshawytscha</i>)
T	Salmon, chinook (spring/summer Snake R.) (<i>Oncorhynchus (=Salmo) tshawytscha</i>)
T	Salmon, chinook (lower Columbia R.) (<i>Oncorhynchus (=Salmo) tshawytscha</i>)
T	Salmon, chinook (upper Willamette R.) (<i>Oncorhynchus (=Salmo) tshawytscha</i>)
T	Salmon, chum (Columbia R.) (<i>Oncorhynchus (=Salmo) keta</i>)
T	Salmon, coho (OR, CA pop.) (<i>Oncorhynchus (=Salmo) kisutch</i>)
E	Salmon, sockeye U.S.A. (Snake River, ID stock wherever found.) (<i>Oncorhynchus (=Salmo) nerka</i>)
T	Sea turtle, green (except where endangered) (<i>Chelonia mydas</i>)
E	Sea turtle, leatherback (<i>Dermochelys coriacea</i>)
T	Sea turtle, loggerhead (<i>Caretta caretta</i>)
T	Sea-lion, Steller (eastern pop.) (<i>Eumetopias jubatus</i>)
T	Steelhead (Snake R. Basin) (<i>Oncorhynchus (=Salmo) mykiss</i>)
T	Steelhead (lower Columbia R.) (<i>Oncorhynchus (=Salmo) mykiss</i>)
T	Steelhead (middle Columbia R.) (<i>Oncorhynchus (=Salmo) mykiss</i>)
T	Steelhead (upper Willamette R.) (<i>Oncorhynchus (=Salmo) mykiss</i>)
E	Sucker, Lost River (<i>Deltistes luxatus</i>)
E	Sucker, shortnose (<i>Chasmistes brevirostris</i>)
T	Sucker, Warner (<i>Catostomus wamensis</i>)
T	Trout, bull (U.S.A., conterminous, lower 48 states) (<i>Salvelinus confluentus</i>)

- T Trout, Lahontan cutthroat (*Oncorhynchus clarki henshawi*)
 E Whale, humpback (*Megaptera novaeangliae*)
 T Wolf, gray Western Distinct Population Segment (*Canis lupus*)

Plants -- 18

- | <i>Status</i> | <i>Listing</i> |
|---------------|--|
| E | Rock-cress, McDonald's (<i>Arabis mcdonaldiana</i>) |
| E | Sandwort, Marsh (<i>Arenaria paludicola</i>) |
| E | Milk-vetch, Applegate's (<i>Astragalus applegatei</i>) |
| T | Paintbrush, golden (<i>Castilleja levisecta</i>) |
| E | Daisy, Willamette (<i>Erigeron decumbens</i> var. <i>decumbens</i>) |
| E | Fritillary, Gentner's (<i>Fritillaria gentneri</i>) |
| T | Howellia, water (<i>Howellia aquatilis</i>) |
| E | Lily, Western (<i>Lilium occidentale</i>) |
| E | Meadowfoam, large-flowered wooly (<i>Limnanthes floccosa grandiflora</i>) |
| E | Desert-parsley, Bradshaw's (<i>Lomatium bradshawii</i>) |
| E | Lomatium, Cook's (<i>Lomatium cookii</i>) |
| T | Lupine, Kincaid's (<i>Lupinus sulphureus</i> (=oreganus) ssp. <i>kincaidii</i> (=var. <i>kincaidii</i>)) |
| T | Four-o'clock, MacFarlane's (<i>Mirabilis macfarlanei</i>) |
| E | Popcornflower, rough (<i>Plagiobothrys hirtus</i>) |
| T | Checker-mallow, Nelson's (<i>Sidalcea nelsoniana</i>) |
| T | Catchfly, Spalding's (<i>Silene spaldingii</i>) |
| E | Wire-lettuce, Malheur (<i>Stephanomeria malheurensis</i>) |
| T | Thelypody, Howell's spectacular (<i>Thelypodium howellii spectabilis</i>) |
-
-

Appendix B.7

Cultural Resources Review



Oregon

Theodore R. Kulongoski, Governor

Parks and Recreation Department
State Historic Preservation Office
725 Summer St. NE, Suite C
Salem, OR 97301-1271
(503) 986-0707
FAX (503) 986-0793
www.hcd.state.or.us

March 22, 2004

Mr. Justin Walker
Keller Associates
131 SW 5th Ste A
Meridian, ID 83642

RE: SHPO Case No. 04-0498

Stayton Regional Wastewater Interceptor System
Construction of wastewater svstem
Keller Associates
8S 1W 33 and 9S 1W 3 and 4, Stayton, Marion County

Dear Mr. Walker:

Our office recently received a request to conduct a cultural resource review for the area of the project referenced above. In checking our statewide cultural resource database, I find that there have been no previous cultural surveys completed within your proposed project area but cultural sites are known to exist in the surrounding area. Your project area is located on a landform generally perceived to have a high probability for possessing archaeological sites and buried human remains.

While not having sufficient knowledge to pinpoint the exact location of cultural resources within your project area, two possibilities are open for determining the possibility of their presence. These possibilities include: 1) the completion of a cultural resource pedestrian survey of the area to identify any surface material, or 2) have an archaeological/tribal monitor on site for all surface disturbance activities. Due to the very high likelihood of significant sites being present, in this instance I suggest that your office contact an archaeologist to complete a cultural resource survey of the project area. A list of possible archaeological consultants can be found on our web page (www.hcd.state.or.us) by clicking on SHPO and highlighting the section marked Archaeological Permits.

ORS 358.905 and ORS 97.740 protect archaeological sites and objects and human remains on both state public and private lands in Oregon. I hope that by providing the above-suggested archaeological survey, damage to any archaeological sites in the area of your proposed project can be avoided.

If you have any questions about the above comments or would like additional information, please feel to contact me at your convenience.


Dennis Griffin, Ph.D., RPA
SHPO Archaeologist
(503) 986-0674
dennis.griffin@state.or.us

MAR 24 2004

Index by State and City (Links)

NATIONAL REGISTER OF
HISTORIC PLACES

03/15/2004 15:43:41

No filter

Include filter in navigation

Row	STATE	COUNTY	RESOURCE NAME	ADDRESS	CITY	LISTED	MULTIPLE	WEB PAGE
1	OR	Linn	Mt. Pleasant Presbyterian Church	S of Stayton on Stayton-Jordan Rd.	Stayton	1974-01-24		NULL
2	OR	Marion	Brown, Charles and Martha, House	425 N. First Ave.	Stayton	2002-09-06		NULL
3	OR	Marion	Paris Woolen Mill	535 E. Florence St.	Stayton	1981-12-21		NULL

Page 1

