

Processing Tax Lot GIS Data at the Water Resources Dept. (OWRD)

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General overview of processing steps (from 2015)

- ▶ Data gathered from counties at DOR then sent to DAS[*summarized by John Prychun, DOR*]
- ▶ OWRD downloads & unzips the data:
 - Join ownership data to tax lot polygons and verify that the join works → 1. Am I seeing ownership info for a randomly selected polygon?, and 2. Is it correct (address)?
 - Check attribute field names for each county against what we currently have. Have they changed?
 - Update county tax lot feature classes in business database
 - Determine which fields have the owner name and address. Have they changed?
 - Update crosswalk and repopulate statewide tax lot theme (in db)

Some attribute examples (2016 delivery)

Marion county

MapSufType	0
MapNumber	073W34AA
ORMapNum	2407.00S03.00W34AA--0000
Taxlot	11900
MapTaxlot	073W34AA11900
ORTaxlot	2407.00S03.00W34AA--000011900
TaxlotAcre	0.144287
ReliaCode	0
TaxLotFeet	0
MapClass	
MapRelCode	
MapSufNum	0
REFLink	
SpecialInt	N
INSTYEAR	1997
PRIMACCNUM	R86273
OWNERLINE1	HARMON,ROBERT C &
MAILADD1	
MAILADD2	
MAILCITY	SALEM
MAILZIP	97302
PRPCLASS	101
SIMAPTAX	
OWNERLINE2	
OWNERLINE3	
AGENTNAME	
MAILSTATE	OR
MAILCNTRY	
SITEADDNAM	
SITEADDCTY	SALEM
SITEZIP	97302
INSTMONTH	10
INSTID	14360101
INSTTYPE	WD
DWELLING	

Wasco county

MapSufType	0
MapNumber	01N13E03CB
ORMapNum	3301.00N13.00E03CB--0000
Taxlot	3900
MapTaxlot	1N 13E 3 CB 3900
ORTaxlot	3301.00N13.00E03CB--000003900
TaxlotAcre	0
ReliaCode	0
TaxLotFeet	0
MapClass	U
MapRelCode	
MapSufNum	0
REFLink	
SpecialInt	N
INSTYEAR	0
PRIMACCNUM	3775
OWNERLINE1	
MAILADD1	400 E 8TH ST
MAILADD2	
MAILCITY	THE DALLES
MAILZIP	97058
PRPCLASS	101
SIMAPTAX	01N13 E03CB03900 00
OWNERLINE2	
OWNERLINE3	
AGENTNAME	
MAILSTATE	OR
MAILCNTRY	USA
SITEADDNAM	400 E 8TH
SITEADDCTY	THE DALLES
SITEZIP	97058
INSTMONTH	0
INSTID	
INSTTYPE	
DWELLING	Y

```
Select 'BAKE' AS county_code, rtrim(left(maptaxlot, 30)) as maptaxlot, cast(taxlot as varchar(5)) as taxlot, rtrim(left(OWNER, 255)) AS owner1, rtrim(left(contractbu,
owner2, rtrim(left(isnull(addline_2, '') + ' ' + isnull(citystate, '') + ' ' + isnull(cast(cast(zip AS INT) AS VARCHAR(10))), ''), 1000)) AS owner_address, rtrim(left(
cast(cast(hseno AS INT) AS VARCHAR(10))), '') + ' ' + isnull(hseext, '') + ' ' + isnull(directn, '') + ' ' + isnull(strdname, '') + ' ' + isnull(sttype, '') + ' ' + is
''), 1000)) AS site_address, cast(TaxlotAcre as decimal(9,1)) as TaxlotAcre, 'WM' as meridian, ISNULL(cast(town as decimal(4,2)),0.0) + ISNULL(cast(TownPart as decim
0.0) as township, ISNULL(towndir, '') as township_char , ISNULL(cast(range as decimal(4,2)),0.0) + ISNULL(cast(RangePart as decimal(4,2)),0.0) as range, ISNULL(rangedi
range_char, SecNumber as sctn, case qtr when 'A' then 'NE' when 'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE' else null end as qtr160, case qtrqtr when 'A' then
when 'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE' else null end as qtr40, lkp_taxlot_status.effective_date, shape, GETDATE() AS last_updt_date, 'owrd' AS
last_updt_userid, GETDATE() AS rec_creation_date, 'owrd' AS rec_creation_userid FROM wrd_sde.sde.tax_baker inner join lkp_taxlot_status on (lkp_taxlot_status.county_c
'BAKE')
```

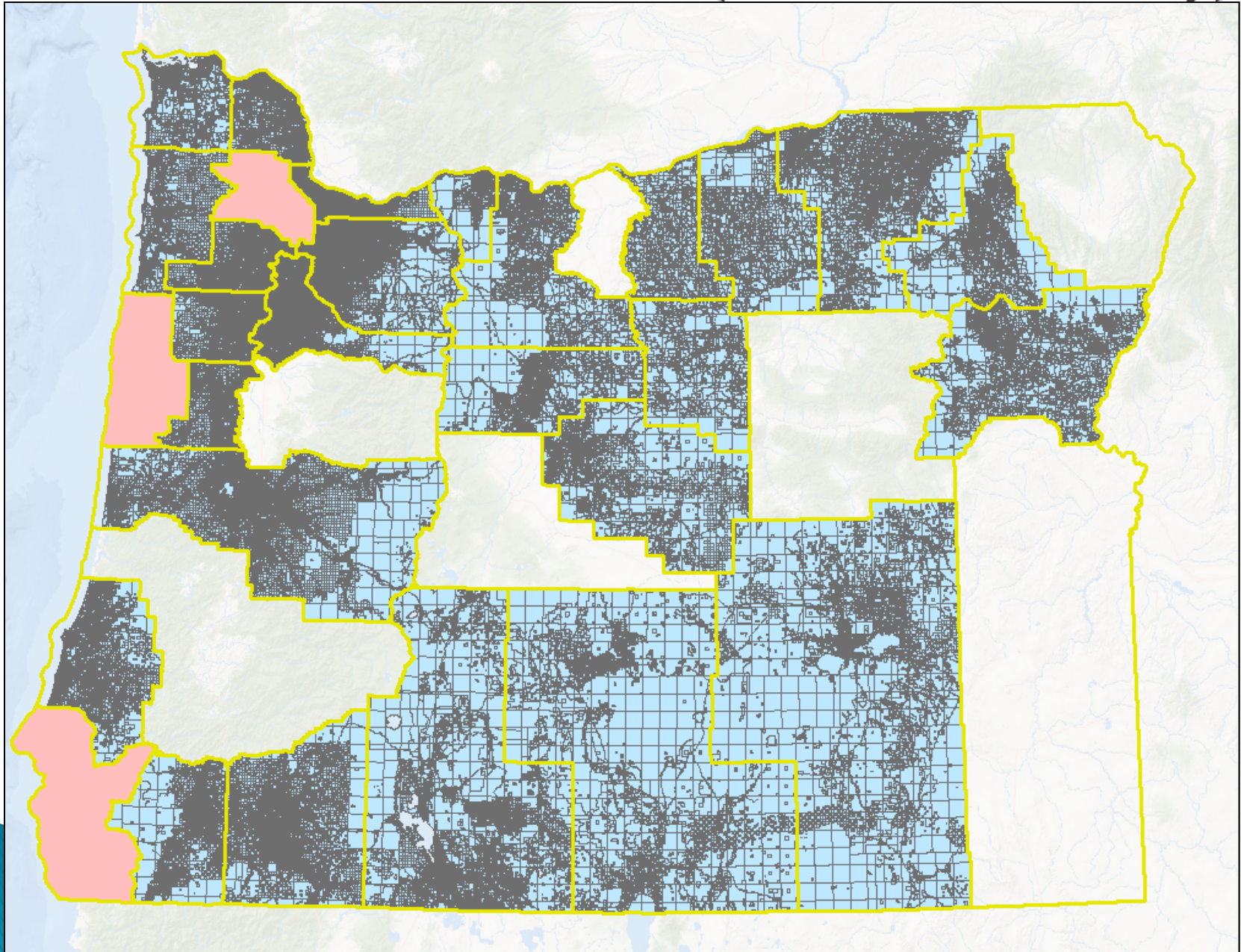
```
"Select 'BENT' AS county_code, rtrim(left(maptaxlot, 30)) as maptaxlot, cast(taxlot as varchar(5)) as taxlot, rtrim(left(ownerline1, 255)) AS owner1, rtrim(left(owner
255)) AS owner2, rtrim(left(isnull(mailladd1, '') + ' ' + isnull(mailcity, '') + ' ' + isnull(mailstate, '') + ' ' + isnull(mailzip, ''), 1000)) AS owner_address,
rtrim(left(isnull(siteaddnam, '') + ' ' + isnull(siteaddcty, '') + ' ' + isnull(sitezip, ''), 1000)) AS site_address, cast(TaxlotAcre as decimal(9,1)) as TaxlotAcre,
meridian, ISNULL(cast(town as decimal(4,2)),0.0) + ISNULL(cast(TownPart as decimal(4,2)),0.0) as township, ISNULL(towndir, '') as township_char , ISNULL(cast(range as
decimal(4,2)),0.0) + ISNULL(cast(RangePart as decimal(4,2)),0.0) as range, ISNULL(rangedir, '') as range_char, SecNumber as sctn, case qtr when 'A' then 'NE' when 'B'
'NW' when 'C' then 'SW' when 'D' then 'SE' else null end as qtr160, case qtrqtr when 'A' then 'NE' when 'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE' else null
qtr40, lkp_taxlot_status.effective_date, shape, GETDATE() AS last_updt_date, 'owrd' AS last_updt_userid, GETDATE() AS rec_creation_date, 'owrd' AS rec_creation_userid
wrd_sde.sde.tax_benton inner join lkp_taxlot_status on (lkp_taxlot_status.county_code = 'BENT')
```

```
"Select 'CLAC' AS county_code, rtrim(left(maptaxlot, 30)) as maptaxlot, cast(taxlot as varchar(5)) as taxlot, rtrim(left(ownerline1, 255)) AS owner1, rtrim(left(owner
255)) AS owner2, rtrim(left(isnull(mailladd1, '') + ' ' + isnull(mailcity, '') + ' ' + isnull(mailstate, '') + ' ' + isnull(mailzip AS VARCHAR(10))), '', 1000)) AS owner_address,
rtrim(left(isnull(siteaddnam, '') + ' ' + isnull(siteaddcty, '') + ' ' + isnull(siteaddzip, ''), 1000)) AS site_address, cast(TaxlotAcre as decimal(9,1)) as
TaxlotAcre, 'WM' as meridian, ISNULL(cast(town as decimal(4,2)),0.0) + ISNULL(cast(TownPart as decimal(4,2)),0.0) as township, ISNULL(towndir, '') as township_char , I
cast(range as decimal(4,2)),0.0) + ISNULL(cast(RangePart as decimal(4,2)),0.0) as range, ISNULL(rangedir, '') as range_char, SecNumber as sctn, case qtr when 'A' then
'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE' else null end as qtr160, case qtrqtr when 'A' then 'NE' when 'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE'
end as qtr40, lkp_taxlot_status.effective_date, shape, GETDATE() AS last_updt_date, 'owrd' AS last_updt_userid, GETDATE() AS rec_creation_date, 'owrd' AS rec_creatio
FROM wrd_sde.sde.tax_clackamas inner join lkp_taxlot_status on (lkp_taxlot_status.county_code = 'CLAC')
```

```
"Select 'CLAT' AS county_code, rtrim(left(maptaxlot, 30)) as maptaxlot, cast(taxlot as varchar(5)) as taxlot, rtrim(left(ownerline1, 255)) AS owner1, rtrim(left(owner
255)) AS owner2, rtrim(left(isnull(mailladd1, '') + ' ' + isnull(mailcity, '') + ' ' + ISNULL(mailstate, '') + ' ' + isnull(mailzip, ''), 1000)) AS owner_address,
rtrim(left(isnull(siteaddnam, '') + ' ' + isnull(siteaddcty, '') + ' ' + ISNULL(sitezip, ''), 1000)) AS site_address, cast(TaxlotAcre as decimal(9,1)) as TaxlotAcre,
meridian, ISNULL(cast(town as decimal(4,2)),0.0) + ISNULL(cast(TownPart as decimal(4,2)),0.0) as township, ISNULL(towndir, '') as township_char , ISNULL(cast(range as
decimal(4,2)),0.0) + ISNULL(cast(RangePart as decimal(4,2)),0.0) as range, ISNULL(rangedir, '') as range_char, SecNumber as sctn, case qtr when 'A' then 'NE' when 'B'
'NW' when 'C' then 'SW' when 'D' then 'SE' else null end as qtr160, case qtrqtr when 'A' then 'NE' when 'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE' else null
qtr40, lkp_taxlot_status.effective_date, shape, GETDATE() AS last_updt_date, 'owrd' AS last_updt_userid, GETDATE() AS rec_creation_date, 'owrd' AS rec_creation_userid
wrd_sde.sde.tax_clatsop inner join lkp_taxlot_status on (lkp_taxlot_status.county_code = 'CLAT')
```

```
"Select 'COLU' AS county_code, rtrim(left(maptaxlot, 30)) as maptaxlot, cast(taxlot as varchar(5)) as taxlot , rtrim(left(OWNER, 255)) AS owner1, rtrim(left(agent, 25
owner2, rtrim(left(isnull(m_address, '') + ' ' + isnull(m_city, '') + ' ' + isnull(m_state, '') + ' ' + isnull(zip, ''), 1000)) AS owner_address, rtrim(left(primary_
1000)) AS site_address, cast(TaxlotAcre as decimal(9,1)) as TaxlotAcre, 'WM' as meridian, ISNULL(cast(town as decimal(4,2)),0.0) + ISNULL(cast(TownPart as decimal(4,2
as township, ISNULL(towndir, '') as township_char , ISNULL(cast(range as decimal(4,2)),0.0) + ISNULL(cast(RangePart as decimal(4,2)),0.0) as range, ISNULL(rangedir, '')
range_char, SecNumber as sctn, case qtr when 'A' then 'NE' when 'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE' else null end as qtr160, case qtrqtr when 'A' then
when 'B' then 'NW' when 'C' then 'SW' when 'D' then 'SE' else null end as qtr40, lkp_taxlot_status.effective_date, shape, GETDATE() AS last_updt_date, 'owrd' AS
last updt userid, GETDATE() AS rec creation date, 'owrd' AS rec creation userid FROM wrd_sde.sde.tax_columbia inner join lkp_taxlot_status on (lkp_taxlot_status.county_code = 'COLU')
```


What do we have? (2016 delivery)





Oregon Water Resources Department Water Rights Mapping Tool

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Water Rights Mapping Tool

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Search

Search: **Water Right by File**

Application: [Q](#)
Permit: [Q](#)
Certificate: [Q](#)
Claim: [Q](#)
Transfer: [Q](#)
Snap ID: [Q](#)
POD Source: **Equal** [Q](#)
Irr. District: [Q](#)

[Q](#) [X](#) [i](#) (Draw box on map.)

Points of Diversion: (Count: 0)

Places of Use: (Count: 1)

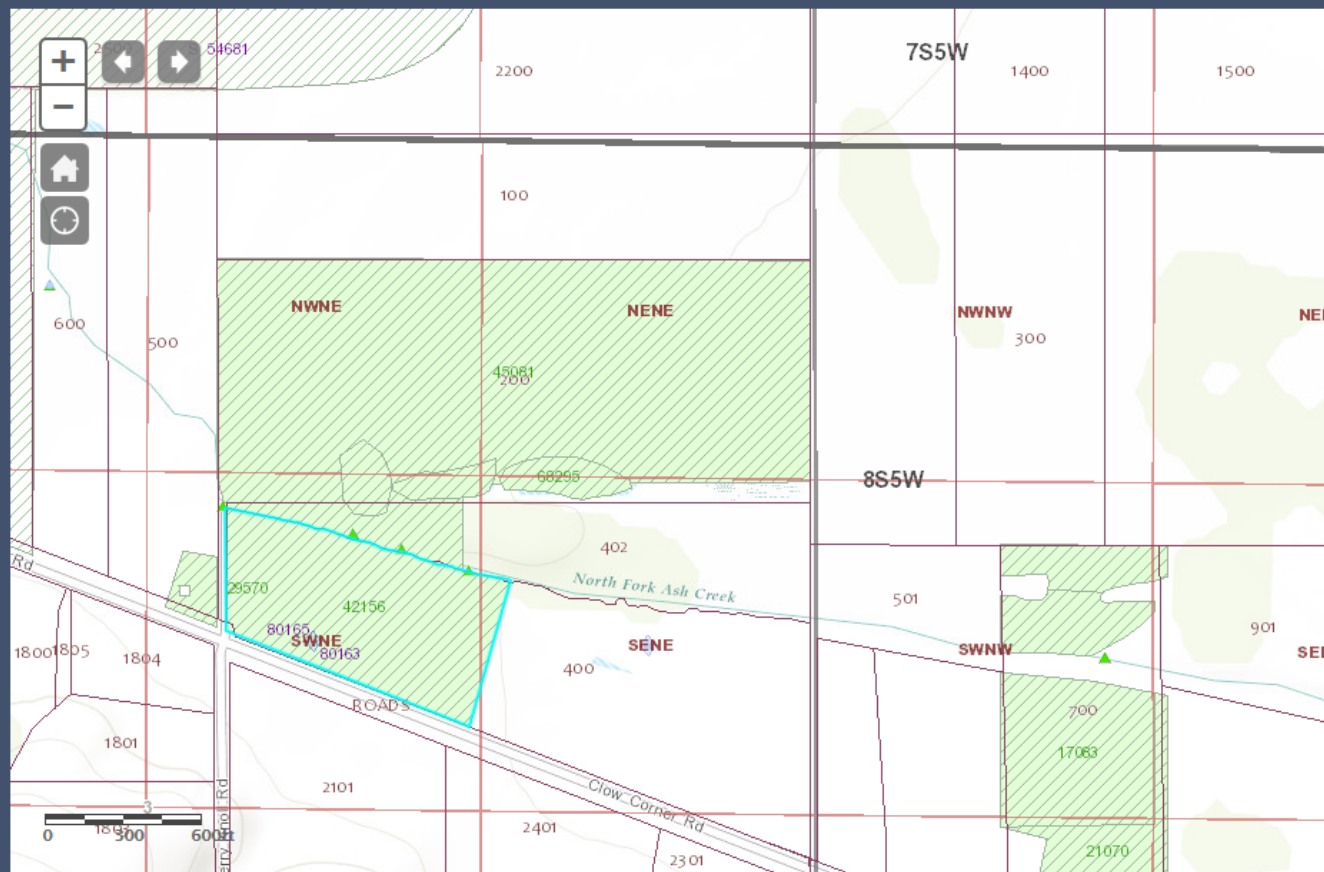
Identify Non-Water Right Features

Tax Lots

Tools

Layers

Bookmarks



POD **POU** Irrigation Districts AOI WR By Time

#	ID (select)	WRIS	Zoom	Water Right	Water Type	First Name	Last Name	Company	Use Desc.	Priority Date	Supp.	Application	Permit	Certificate
1	45615	[Details] Map WR		Cert:42156 CF * IR	SW				IRRIGATION	12/10/1943	-	S 20098	S 15658	42156

More info

- Document on the OWRD 2015 tax lot data processing steps →
- Bob Harmon
- 503-986-0866
- Robert.c.harmon@wrd.state.or.us

The image shows the cover page of a document titled "PROCESSING TAX LOT DATA". The document is from the State of Oregon, Water Resources Department, Information Services - GIS. It includes a header with the department name and logo, a title in blue, a metadata table with fields for Original Date, Modified Date, Author(s), and By, a summary section, and a table of related documents.

State of Oregon
Water Resources Department
Information Services - GIS

PROCESSING TAX LOT DATA

Original Date:	8/5/2015	Author(s):	Bob Harmon
Modified Date:		By:	

SUMMARY

This document covers the processing of "2015" tax lot data received from DAS GEO required to make it ready for updating SDE.

Related documents:	G:\dev\SDE\docs\GIS_2014_SDEConfig\Maintenance_v1.docx	Procedures for adding/removing data.
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