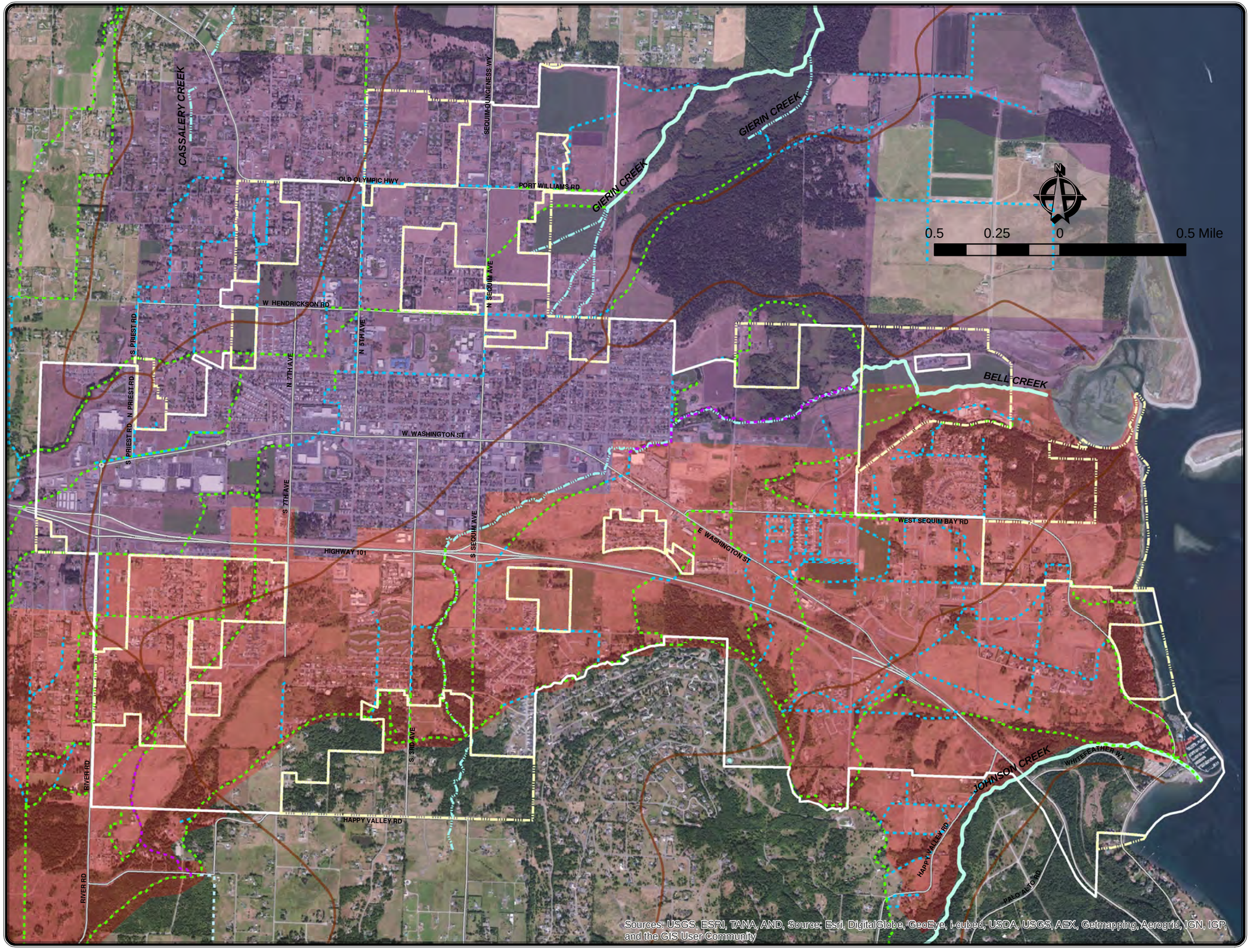


CITY OF SEQUIM

FIGURE 1
Storm Water Study Area

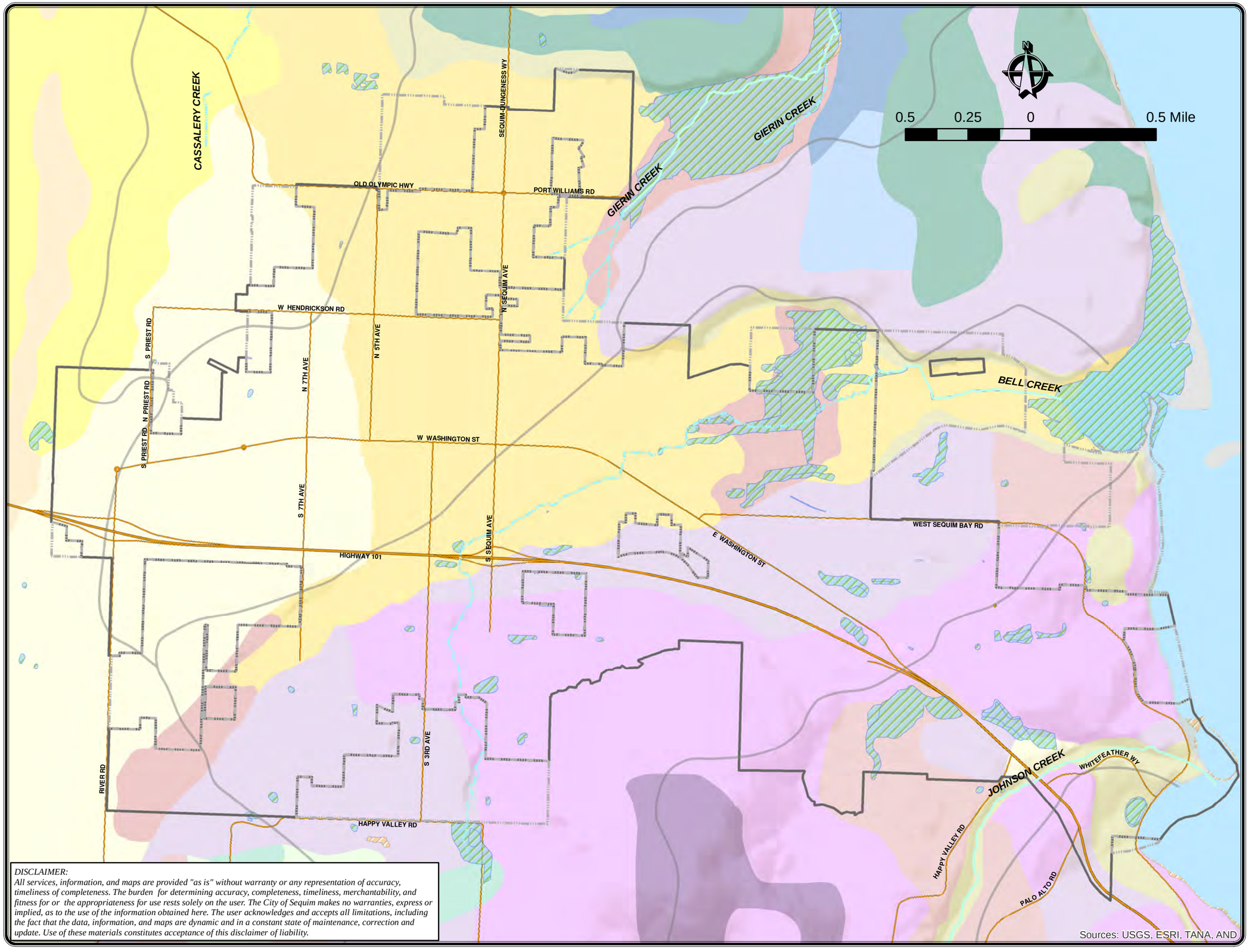
Legend

Sequim_IrrigationSystem

- *Ditch*
- *Pipe*
- *Ditch in Creek*
- *Sub-Basin boundaries*
- *Highland Irrigation District*
- *Sequim Prairie Tri-Irrigation System*
- *City Limit*
- *UGA*

Date: 6/17/2014

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CITY OF SEQUIM

FIGURE 2
Soils

Legend

Sub-Basin boundaries

Wetland

City Limit

UGA

Soils

Rapid Infiltration - floodplain soils

CARLSBORG

CARLSBORG-DUNGENESS

HOYPUS

SEQUIM

SEQUIM-MCKENNA-MUKILTEO

High Runoff - glacial till, clay soils

CATLA

CLALLAM

LOUELLA

YEARY

Others - runoff potential higher than infiltration

AGNEW

BELLINGHAM

CASSOLARY

DICK

Date: 6/17/2014

FIGURE 3a. 1859 Government Land Office (GLO) map, showing a few roads and properties existing before the irrigation system was built. Colored/dashed lines are 2014 features: yellow are streets, pink is Hwy 101, blue is the portion of Bell Creek that is ephemeral.

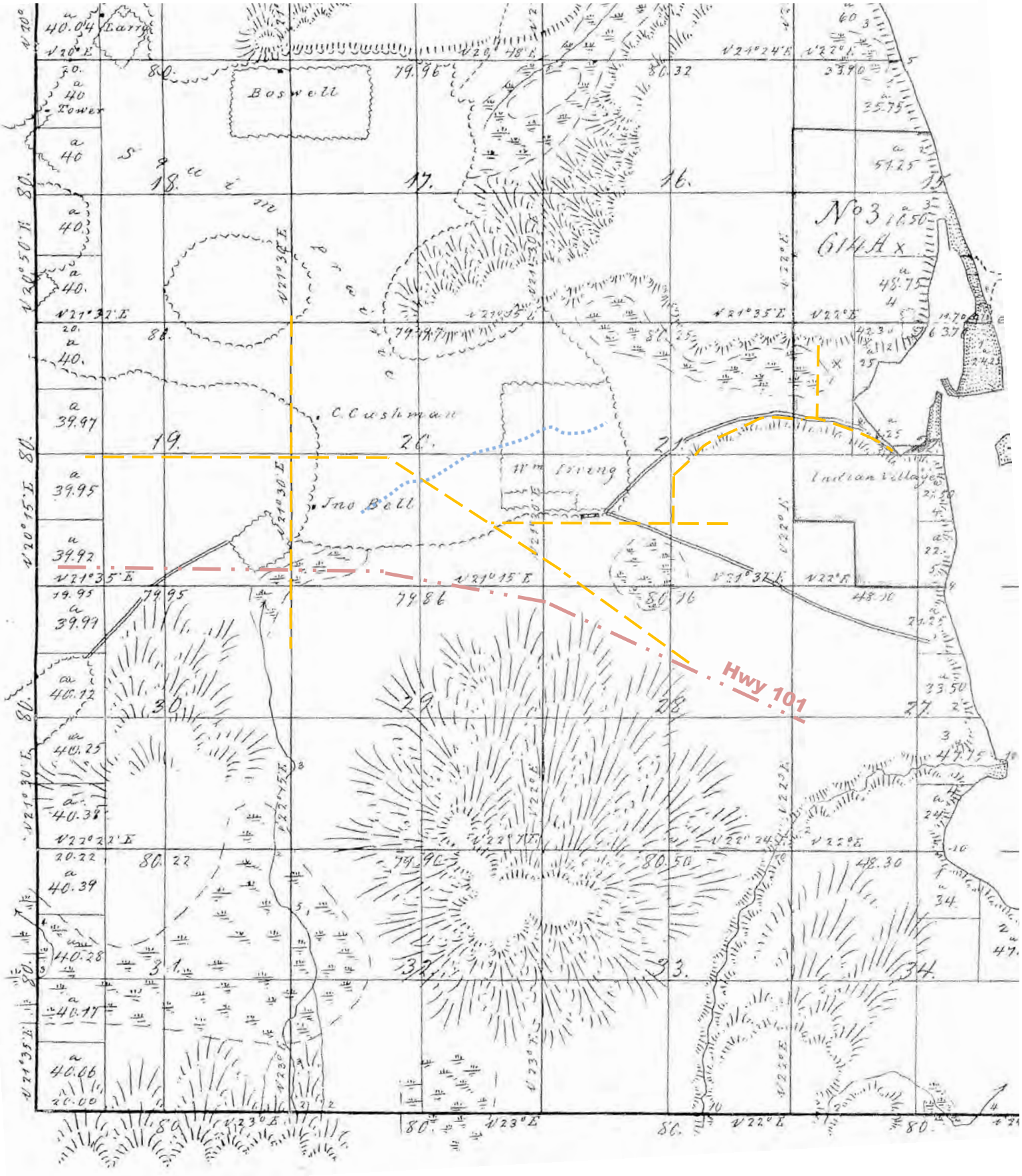
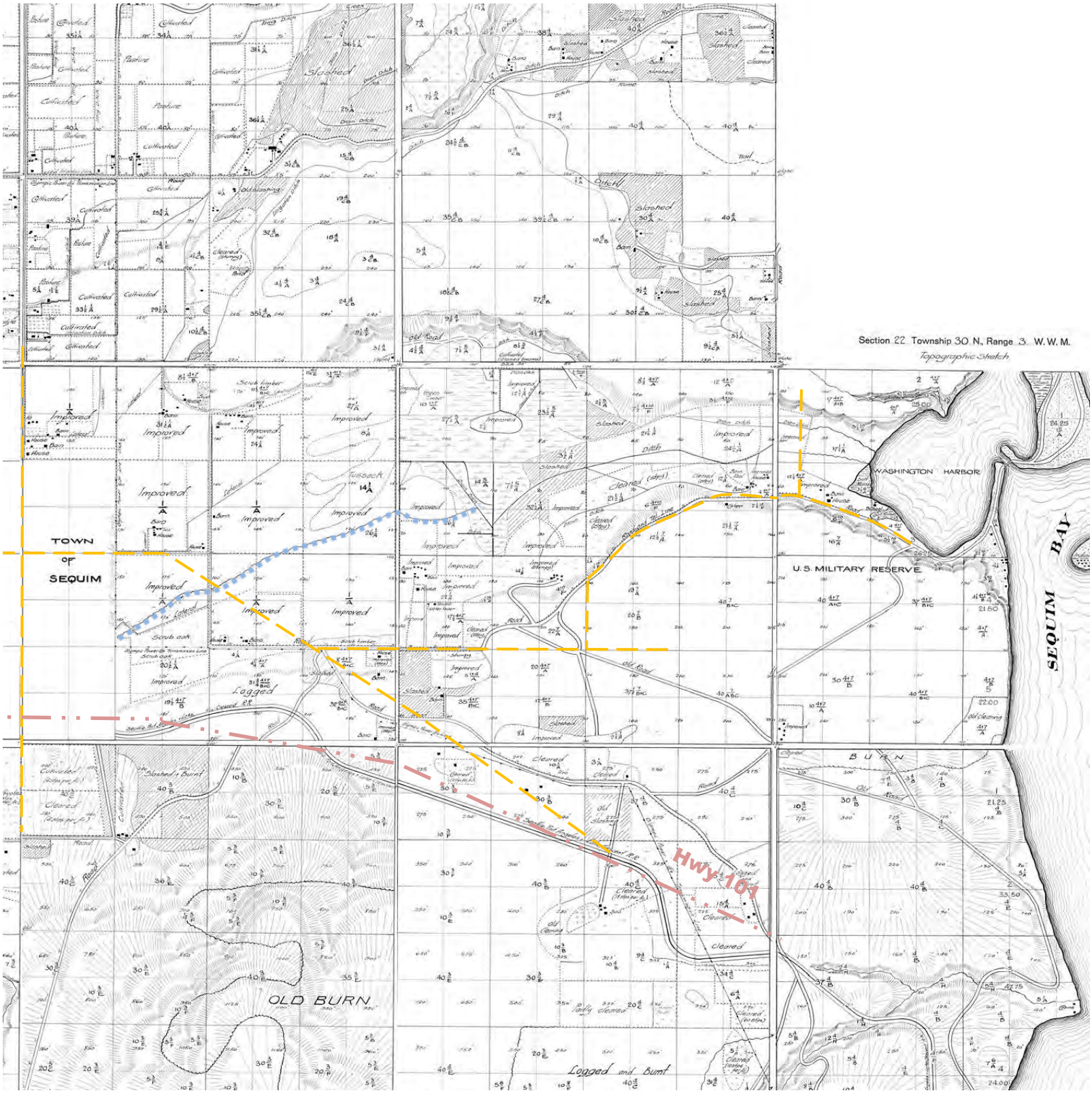
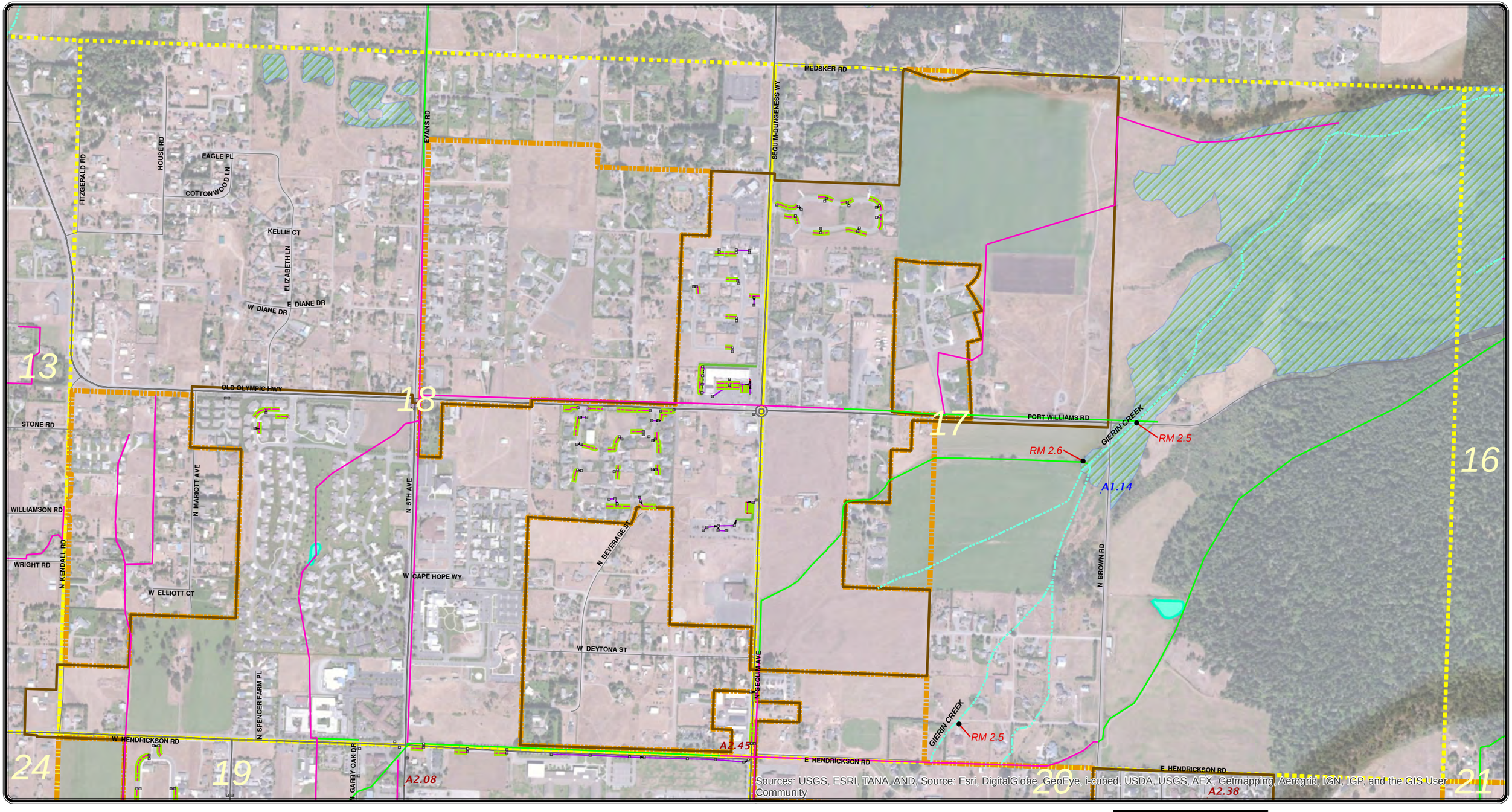


FIGURE 3b. 1914 Government Land Office (GLO) map, showing the network of ditches dug to drain wet areas and convey irrigation water from the Dungeness River in summer. Colored/dashed lines are 2014 features: yellow lines are streets, pink is Hwy 101, blue is the ephemeral portion of Bell Creek.

(Note that Sequim Prairie, Eureka, and Independent ditches were in use at the time this map was created but Highland Irrigation District's water rights are dated 1915 and its ditches—now south and east of Hwy 101—were not yet built.)





Sources: USGS, ESRI, TANA, AND, Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

Legend

- City Limit
- UGA
- Section Line

Water Bodies

- Pond
- Wetland

Irrigation System

- Open Ditch
- Ditch in Creek
- Pipe
- Drainage Ditch-not used
- Shared Ditch

Storm Water Facilities

- Catch Basin
- Drywell
- Control Structure
- Culvert
- Storm Drain Pipe
- Roadside Ditch
- Perforated Pipe
- Bioswale
- Detention Pond
- Retention Pond

RM x.x - Surface Discharges

Runoff and Flooding Problems

A1.xx - Creeks

A2.xx - City-owned Properties

A3.xx - Mis-connected street drains

N

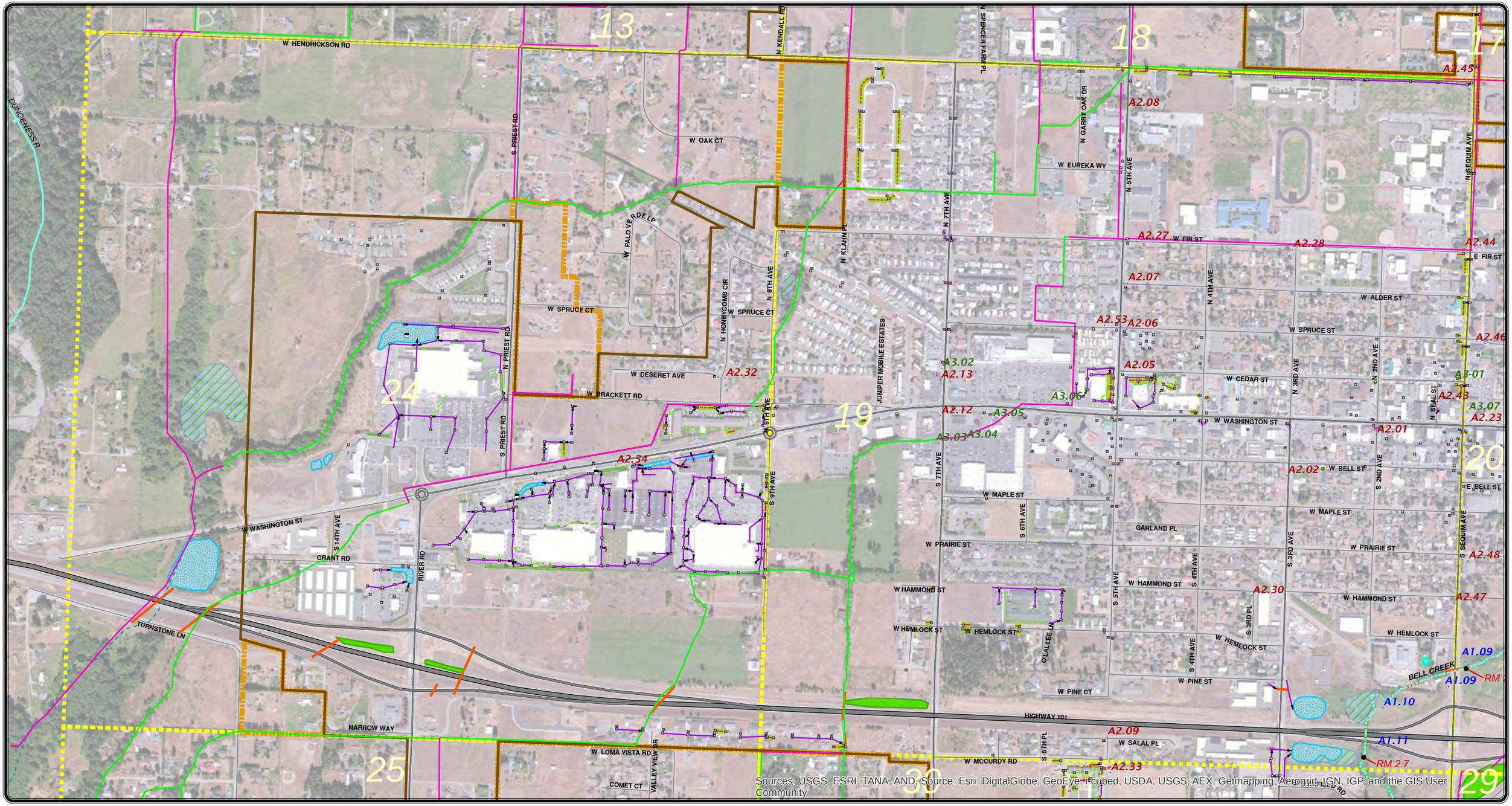
SCALE: 1" = 700'

FIGURE 4a - Drainage Features and Problem Areas Sect. 17 & 18

Date: 6/17/2014

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Sources: USGS, ESRI, TANA, AND, Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

Legend

City Limit

UGA

Section Line

Water Bodies

Pond

Wetland

Irrigation System

Open Ditch

Ditch in Creek

Pipe

Drainage Ditch-not used

Shared Ditch

Storm Water Facilities

Catch Basin

Drywell

Control Structure

Culvert

Storm Drain Pipe

Roadside Ditch

Perforated Pipe

Bioswale

Detention Pond

Retention Pond

RM x.x - Surface Discharges

Runoff and Flooding Problems

A1.xx - Creeks

A2.xx - City-owned Properties

A3.xx - Mis-connected street drains

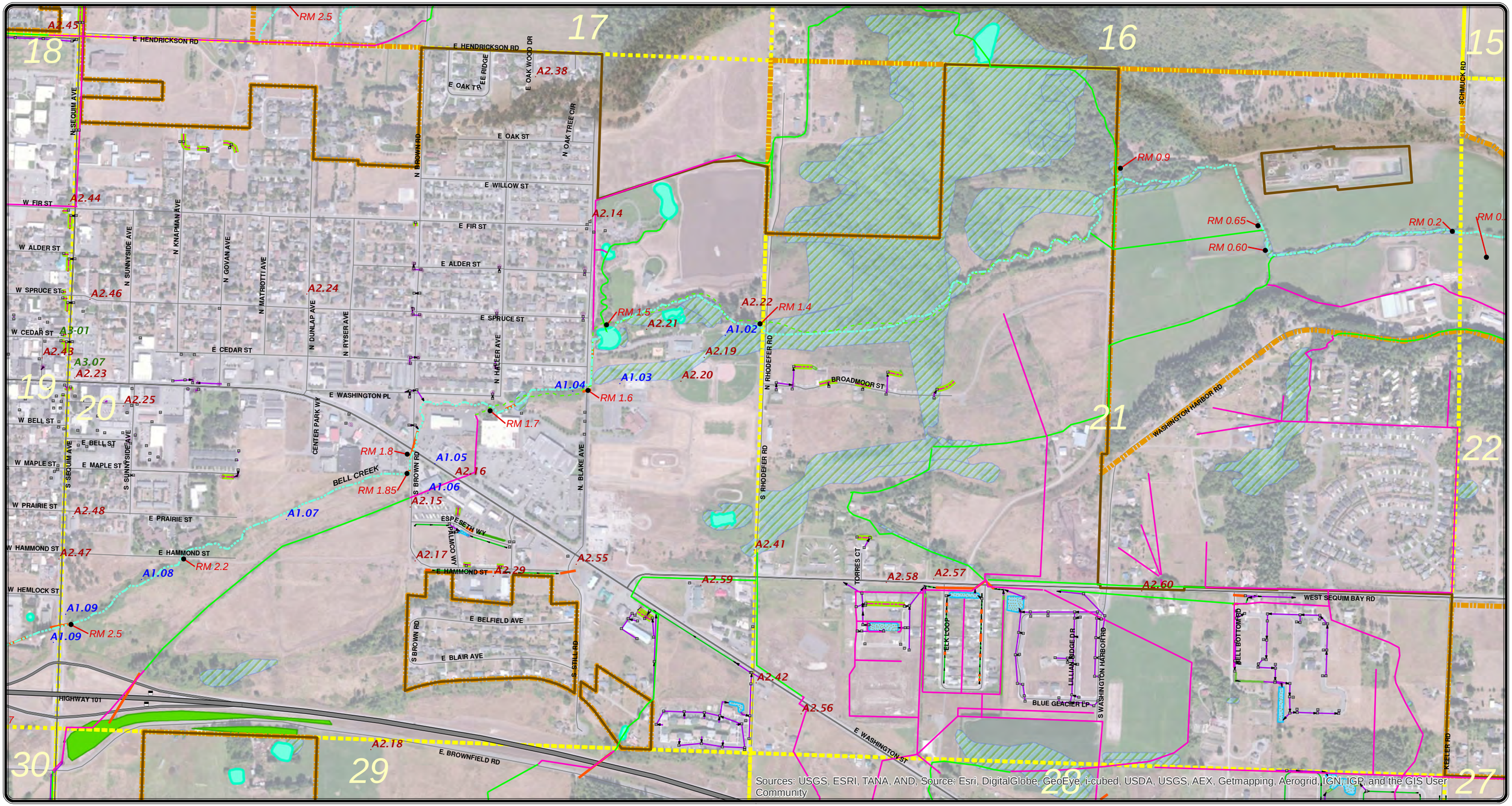
SCALE: 1" = 700'

FIGURE 4b - Drainage Features and Problem Areas Sect. 19 & 24

Date: 6/17/2014

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CITY OF SEQUIM



Legend

City Limit
UGA
Section Line

Water Bodies

Pond
Wetland

Irrigation System

Open Ditch
Ditch in Creek
Pipe
Drainage Ditch-not used
Shared Ditch

Storm Water Facilities

Catch Basin
Drywell
Control Structure
Culvert
Storm Drain Pipe
Roadside Ditch
Perforated Pipe
Bioswale
Detention Pond
Retention Pond

RM x.x - Surface Discharges

Runoff and Flooding Problems

A1.xx - Creeks

A2.xx - City-owned Properties

A3.xx - Mis-connected street drains

N

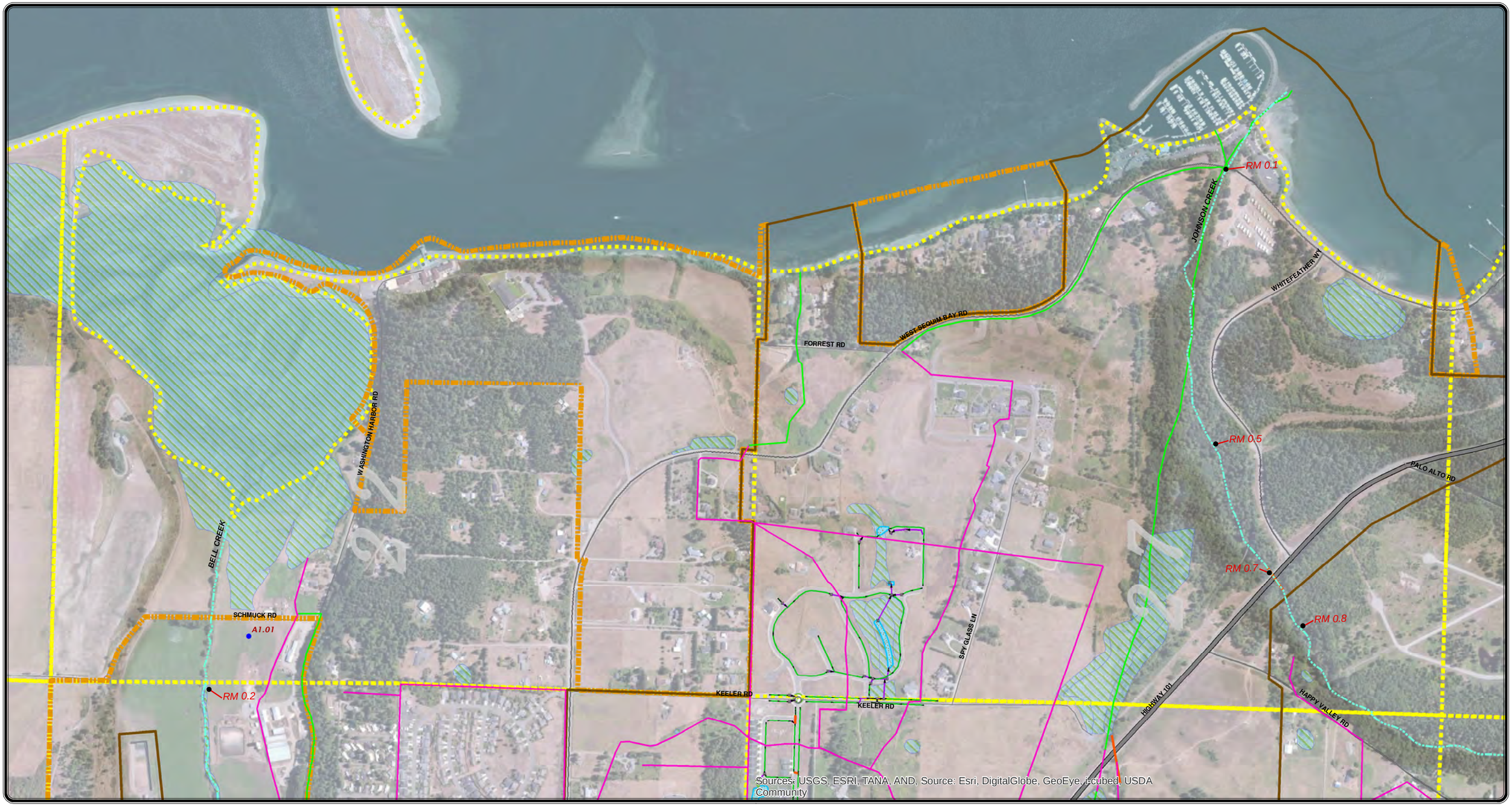
SCALE: 1" = 700'

FIGURE 4c - Drainage Features and Problem Areas Sect. 20 & 21

Date: 6/17/2014

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CITY OF SEQUIM



Legend

- City Limit
- UGA
- Section Line

Water Bodies

- Pond
- Wetland

Irrigation System

- Open Ditch
- Ditch in Creek
- Pipe
- Drainage Ditch-not used
- Shared Ditch

Storm Water Facilities

- Catch Basin
- Drywell
- Control Structure
- Culvert
- Storm Drain Pipe
- Roadside Ditch
- Perforated Pipe
- Bioswale
- Detention Pond
- Retention Pond

RM x.x - Surface Discharges

Runoff and Flooding Problems

A1.xx - Creeks

A2.xx - City-owned Properties

A3.xx - Mis-connected street drains

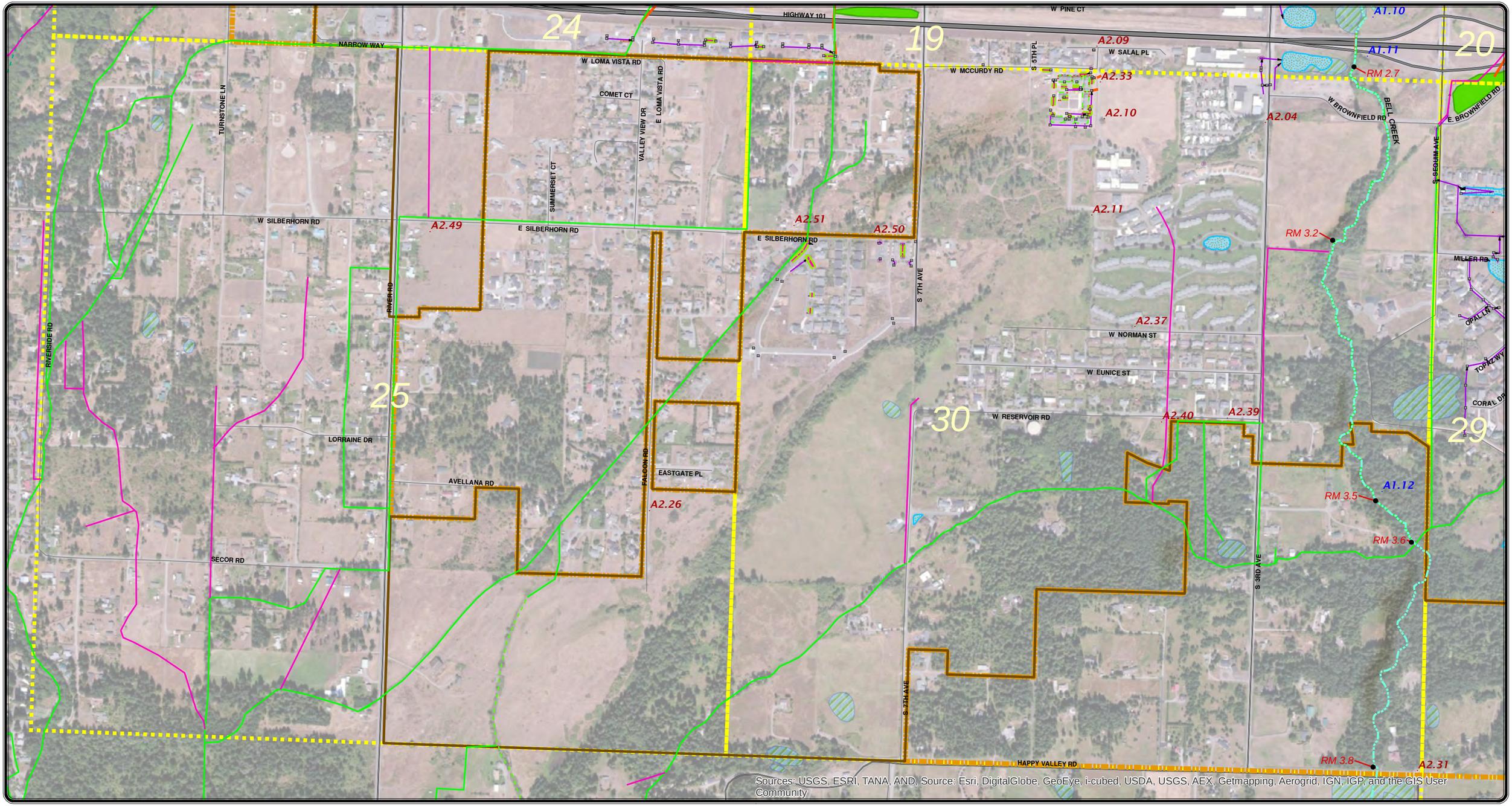
FIGURE 4d - Drainage Features and Problem Areas Sect. 22 & 27

SCALE: 1" X 700'

Date: 6/17/2014

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CITY OF SEQUIM



Legend

City Limit

UGA

Section Line

Water Bodies

Pond

Wetland

Irrigation System

Open Ditch

Ditch in Creek

Pipe

Drainage Ditch-not used

Shared Ditch

Storm Water Facilities

Catch Basin

Drywell

Control Structure

Culvert

Storm Drain Pipe

Roadside Ditch

Perforated Pipe

Bioswale

Detention Pond

Retention Pond

RM x.x - Surface Discharges

Runoff and Flooding Problems

A1.xx - Creeks

A2.xx - City-owned Properties

A3.xx - Mis-connected street drains

N

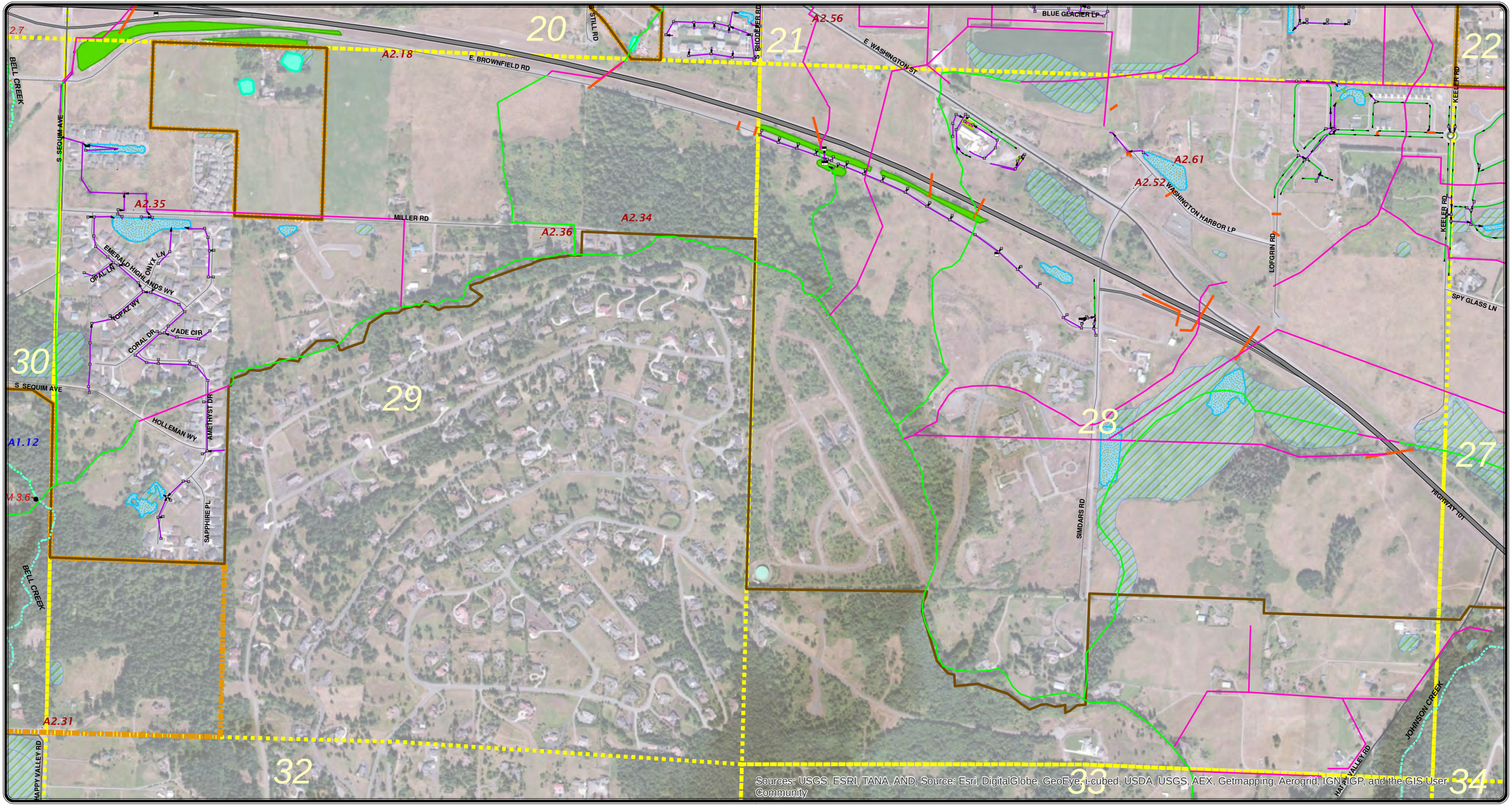
SCALE: 1" = 700'

FIGURE 4e - Drainage Features and Problem Areas Sect. 25 & 30

Date: 6/17/2014

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CITY OF SEQUIM



Legend

City Limit

UGA

Section Line

Water Bodies

Pond

Wetland

Irrigation System

Open Ditch

Ditch in Creek

Pipe

Drainage Ditch-not used

Shared Ditch

Storm Water Facilities

Catch Basin

Drywell

Control Structure

Culvert

Storm Drain Pipe

Roadside Ditch

Perforated Pipe

Bioswale

Detention Pond

Retention Pond

RM x.x - Surface Discharges

Runoff and Flooding Problems

A1.xx - Creeks

A2.xx - City-owned Properties

A3.xx - Mis-connected street drains

N

SCALE: 1" = 700'

FIGURE 4f - Drainage Features and Problem Areas Sect. 28 & 29

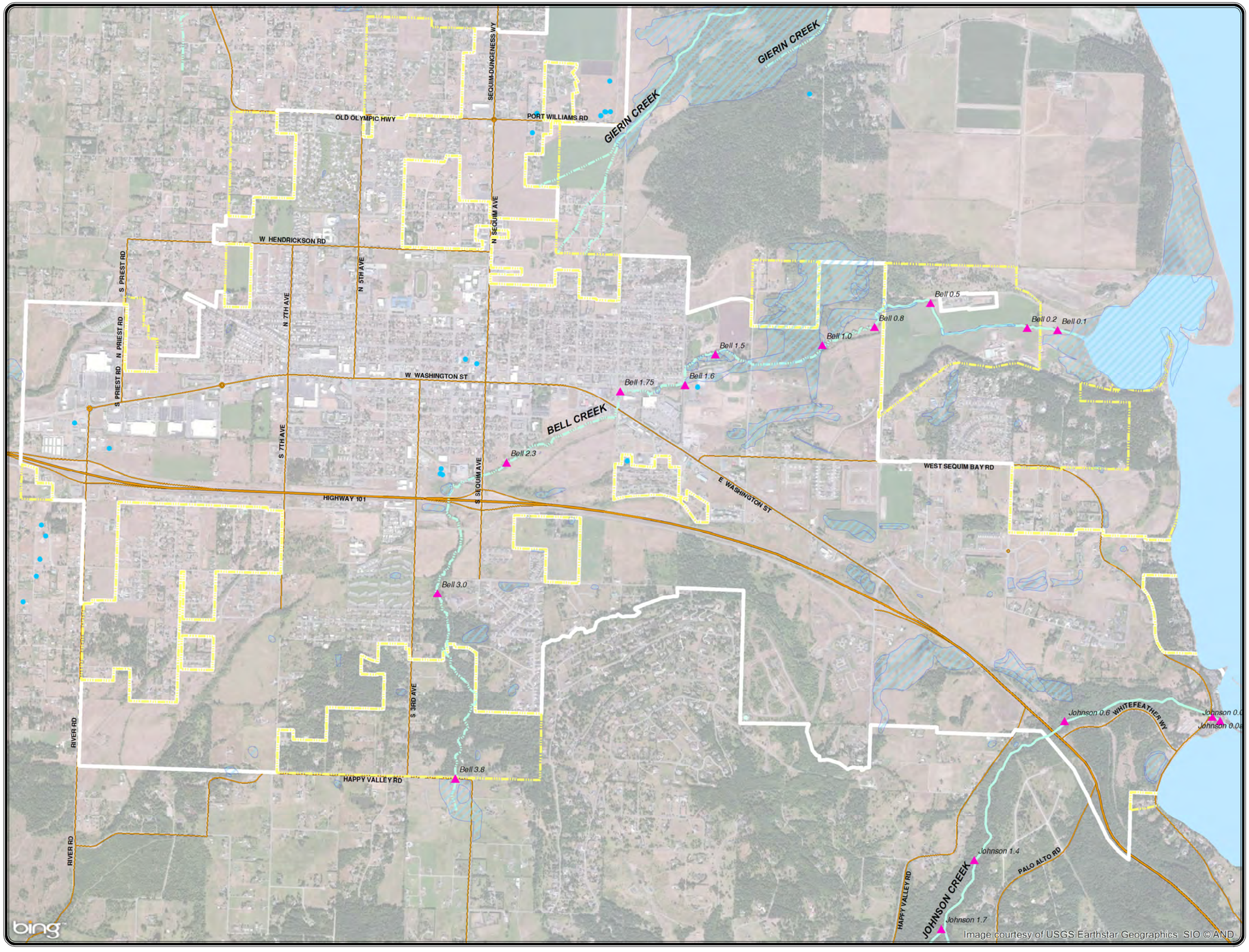
Date: 6/17/2014

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CITY OF SEQUIM

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FIGURE 5
Monitoring Sites



0 0.175 0.35 0.7

Mile

Legend

- City of Sequim monitoringWells
- Monitoring Sites (2006-2008)
- Wetland
- City Limit
- UGA

Date: 2/18/2014

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FIGURE 6
Public Water Systems

0.5 0.25 0 0.5 Mile

Legend

- City Limit
- UGA

Date: 2/18/2014

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Sources: USGS, ESRI, TANA, AND