

Feasibility Study Grants 2015-2017



Tracy Louden, ASD Administrator
Jon Unger, Grant Program Coordinator



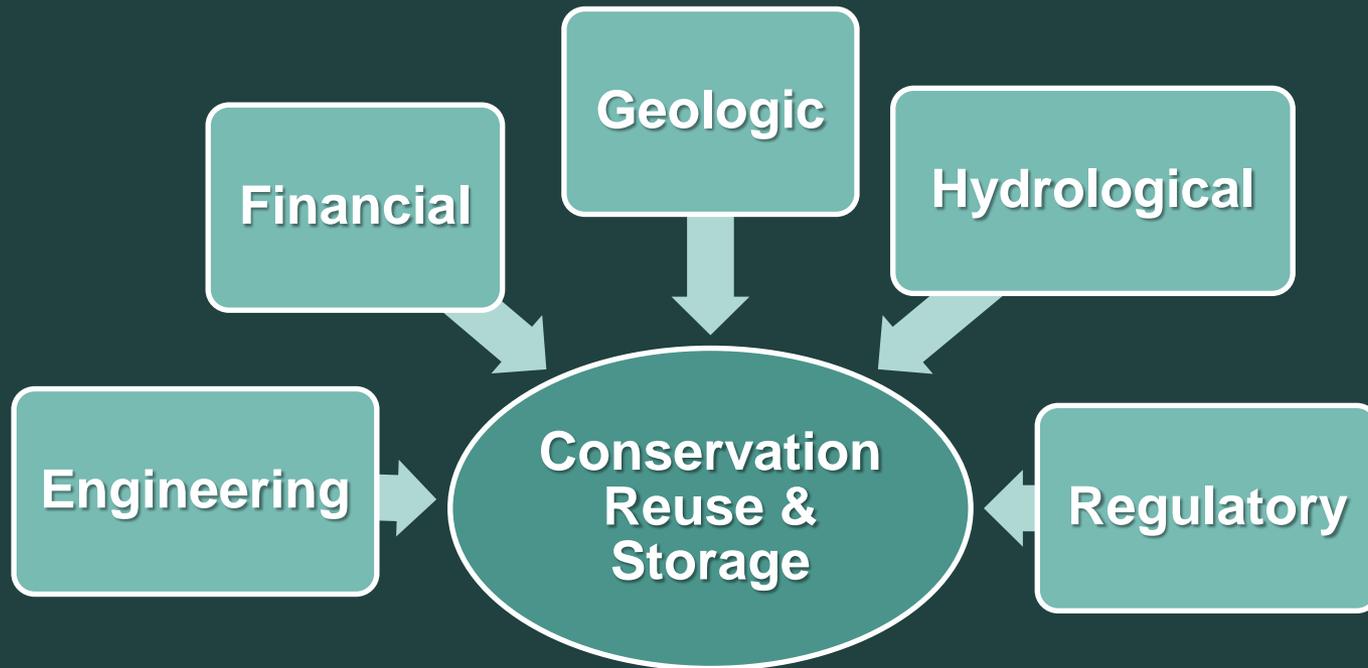
Overview

- **Background**
- **2015-17 Grant Cycle Overview**
- **Application Review Team**
- **Funding Recommendation**
- **Summary of Applications Received**
- **Public Comments**
- **Staff Recommendation**



Background

- **Feasibility Study Grants Purpose**
- **Feasibility Grants and the Water Resources Development Program**





Current Biennium 2015-17

- **\$2.8 Million Available**
- **1st Cycle May - July 2015**
- **8 applications - \$706,405**
- **1st Cycle Application Review Team (ART)
September, 2015**
- **Public Comment period closed
November 2, 2015**



Applications Received

- **Eight applications**
 - **Storage (5)**
 - **Conservation (2)**
 - **Reuse (1)**
- **Geographic diversity**
 - **Hood River**
 - **Wasco**
 - **Baker (2)**
 - **Klamath**
 - **Umatilla**
 - **Marion**
 - **Coos**



Application Review Team

- ***Convened in September 2015***
- ***Team consisted of:***
 - ***Oregon Department of Environmental Quality***
 - ***Oregon Department of Fish and Wildlife***
 - ***Oregon Parks and Recreation Department***
 - ***Oregon Department of Agriculture***
 - ***Business Oregon***
 - ***Technical Experts from WRD***



Funding Recommendation

Study Name	Project Type	Funding Request (\$)	Funding Recommend (\$)
Laurance Lake Reservoir Expansion and Management Study	Storage	81,500	81,500
Upper Klamath Basin Irrigation Conservation Assessment	Conservation	58,000	58,000
Bandon Off-Channel Raw Water Storage Reservoir	Storage	39,418	39,418
City of Echo Land Feasibility Study for Water Storage and Reuse	Reuse	20,000	20,000
Thief Valley Restoration Feasibility Study	Storage	239,520	239,520
Drift Creek Water Supply Development Project	Storage	76,320	*
Mosier Valley Commingling Well Evaluations	Conservation	132,900	*
Alder Creek Reservoir Feasibility Study	Storage	58,747	*
Total		706,405	438,438

*** Not recommended for funding at this time**

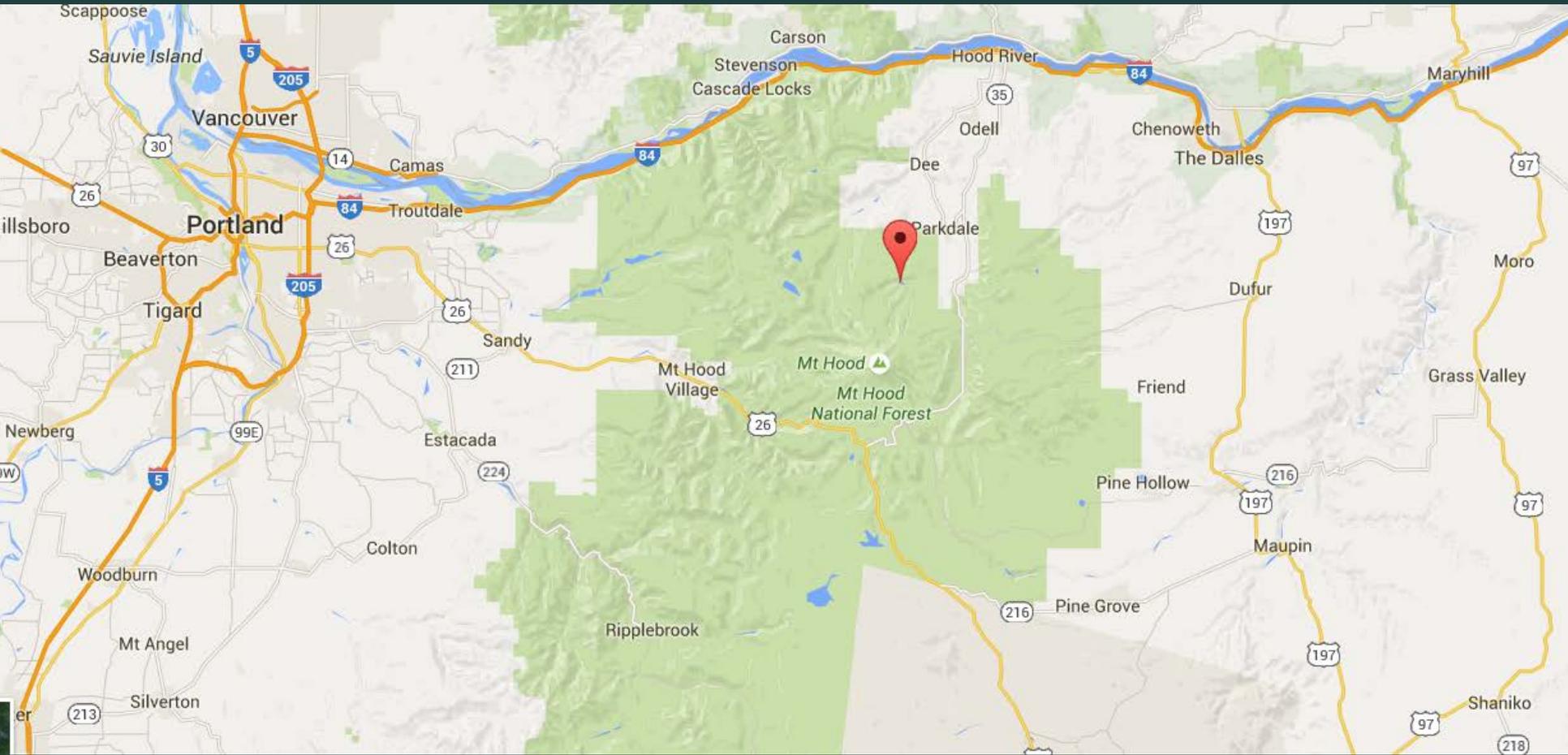


Laurance Lake (Storage)

- ***“Laurance Lake Reservoir Expansion and Management Study”*** - \$81,500
- **Applicant: Hood River SWCD & Middle Fork Irrigation District**
- **Project Goals: Increase storage capacity of Laurance Lake by 250 acre feet and change reservoir management in order to maintain irrigation & hydropower; improve downstream flows/stream temps and maintain rearing habitat for bull trout within the reservoir**
- **Study Scope**
- **Consultation with the Department**

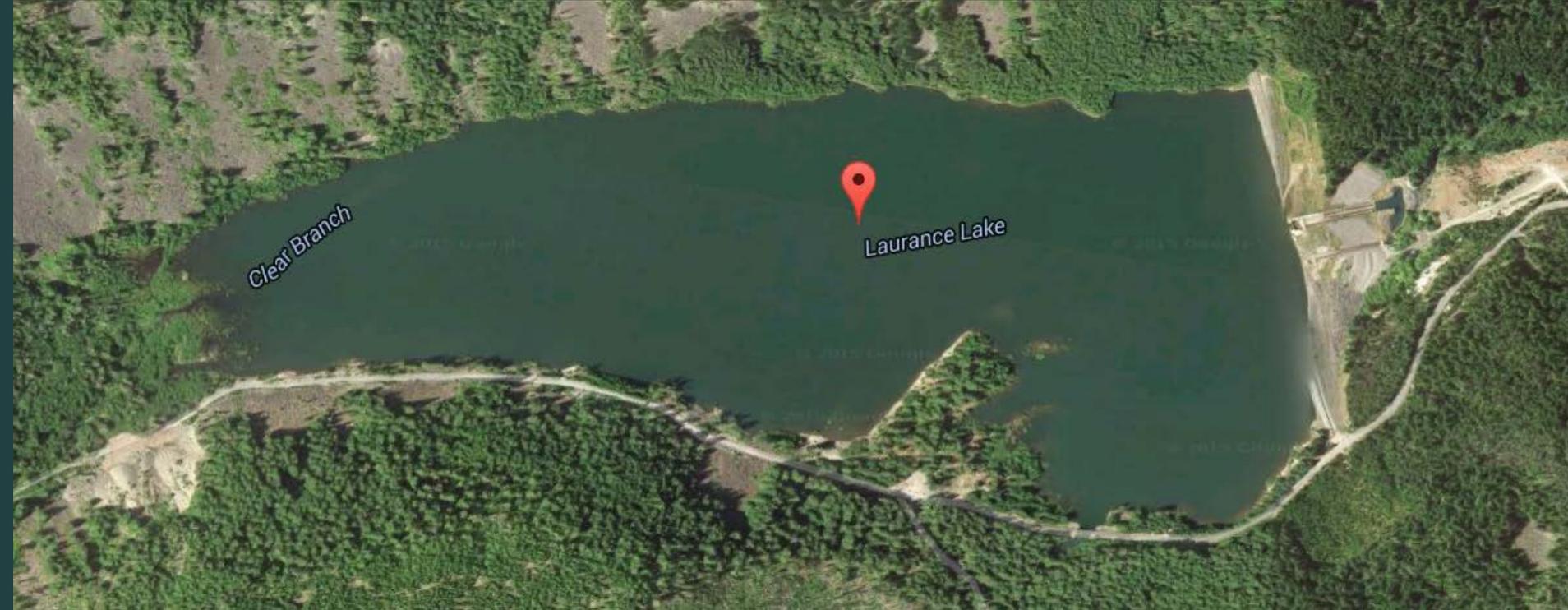


Laurance Lake (Storage)





Laurance Lake (Storage)



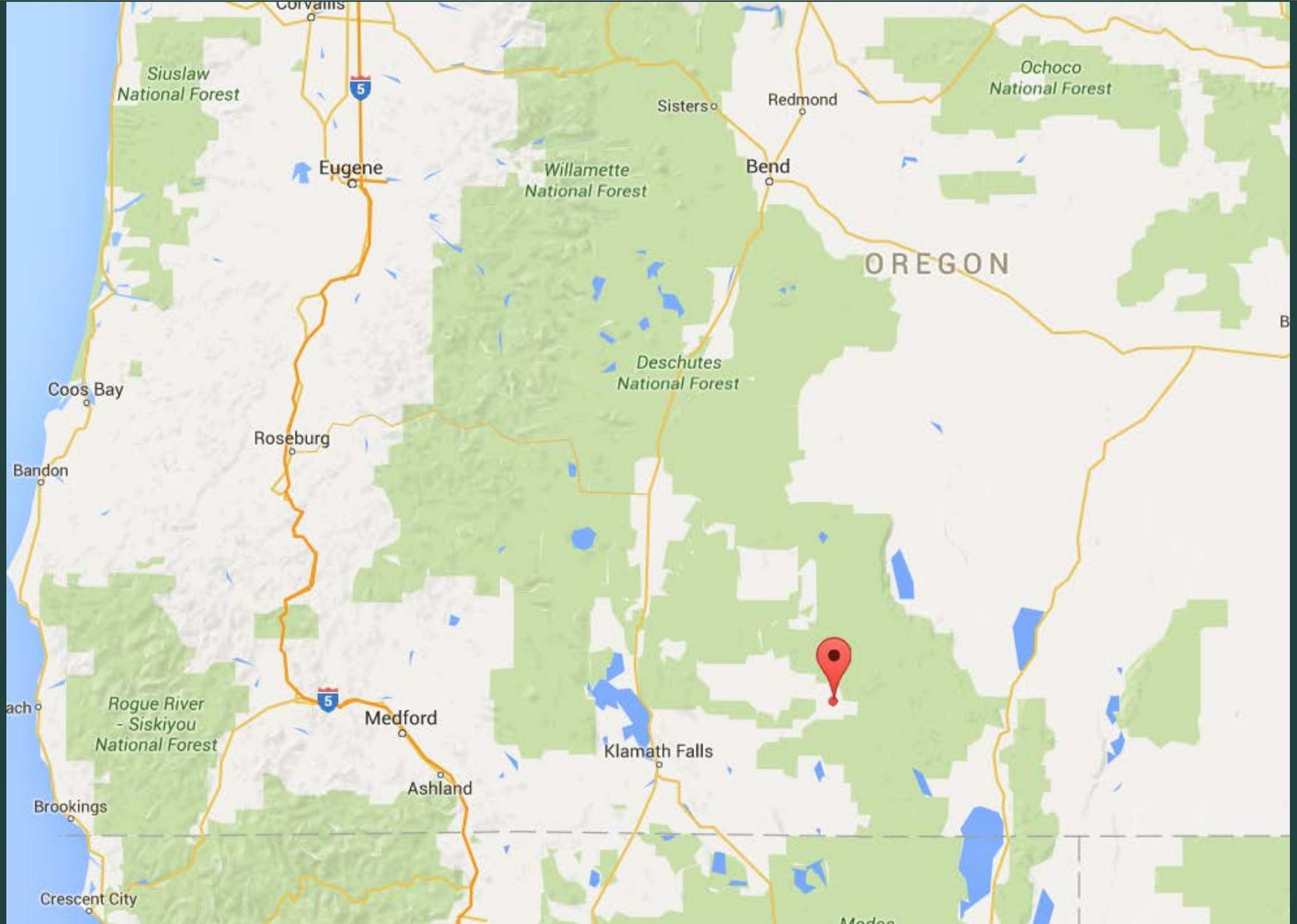


Klamath Basin (Conservation)

- ***“Upper Klamath Basin Irrigation Conservation Assessment” - \$58,000***
- **Applicant: Trout Unlimited**
- **Project Goals: Pipe two large, unlined irrigation ditches; Improve instream flows with conserved water - Potential for 12cfs of conserved water**
- **Study Scope**
- **Consultation with the Department**



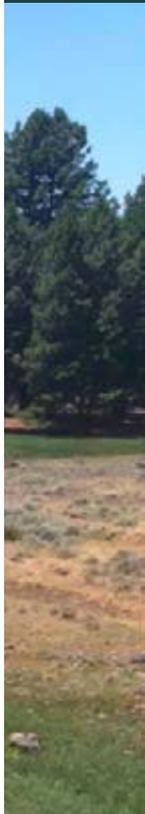
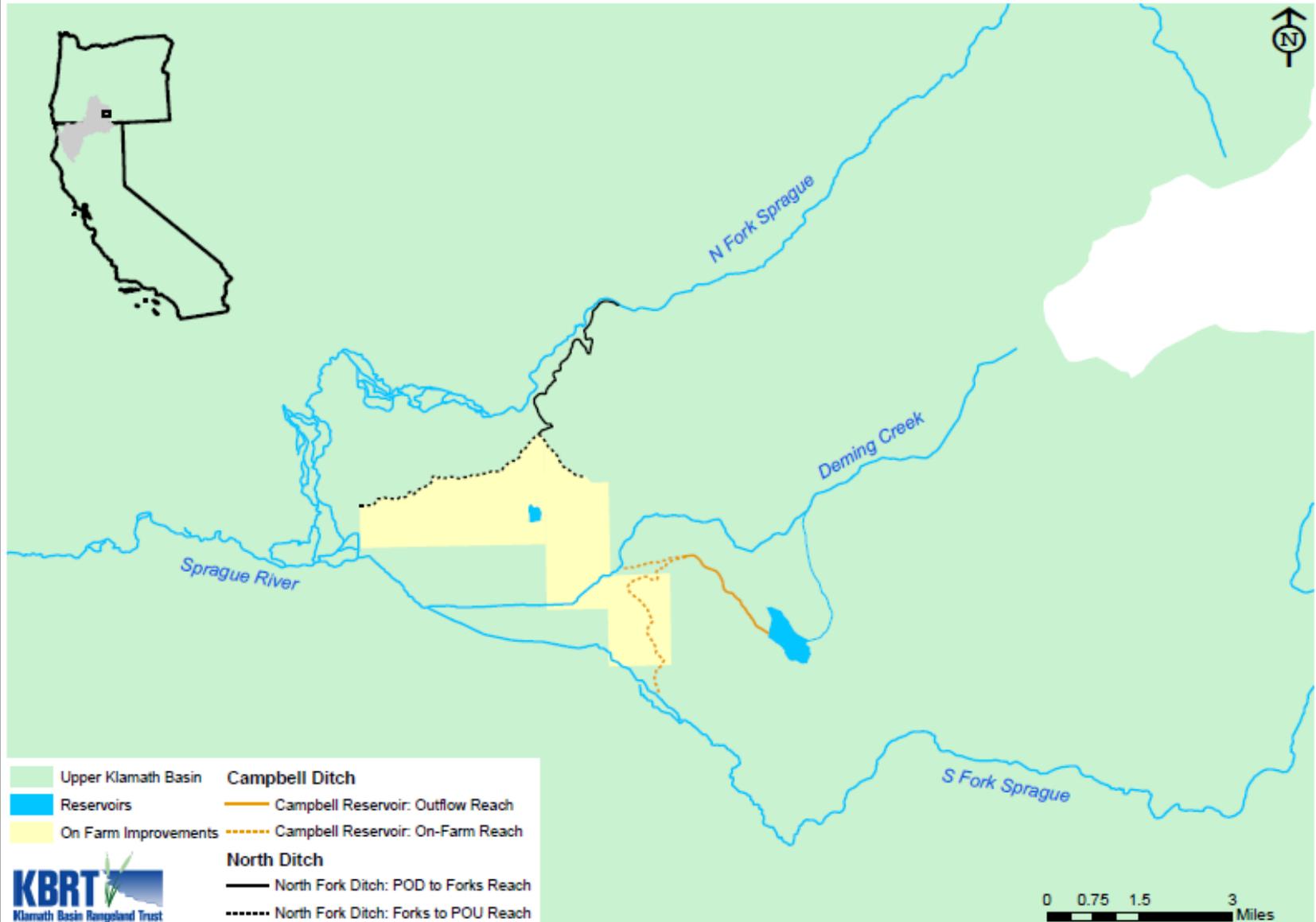
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Klamath Basin (Conservation)

Upper Klamath Basin Irrigation Conservation Assessment



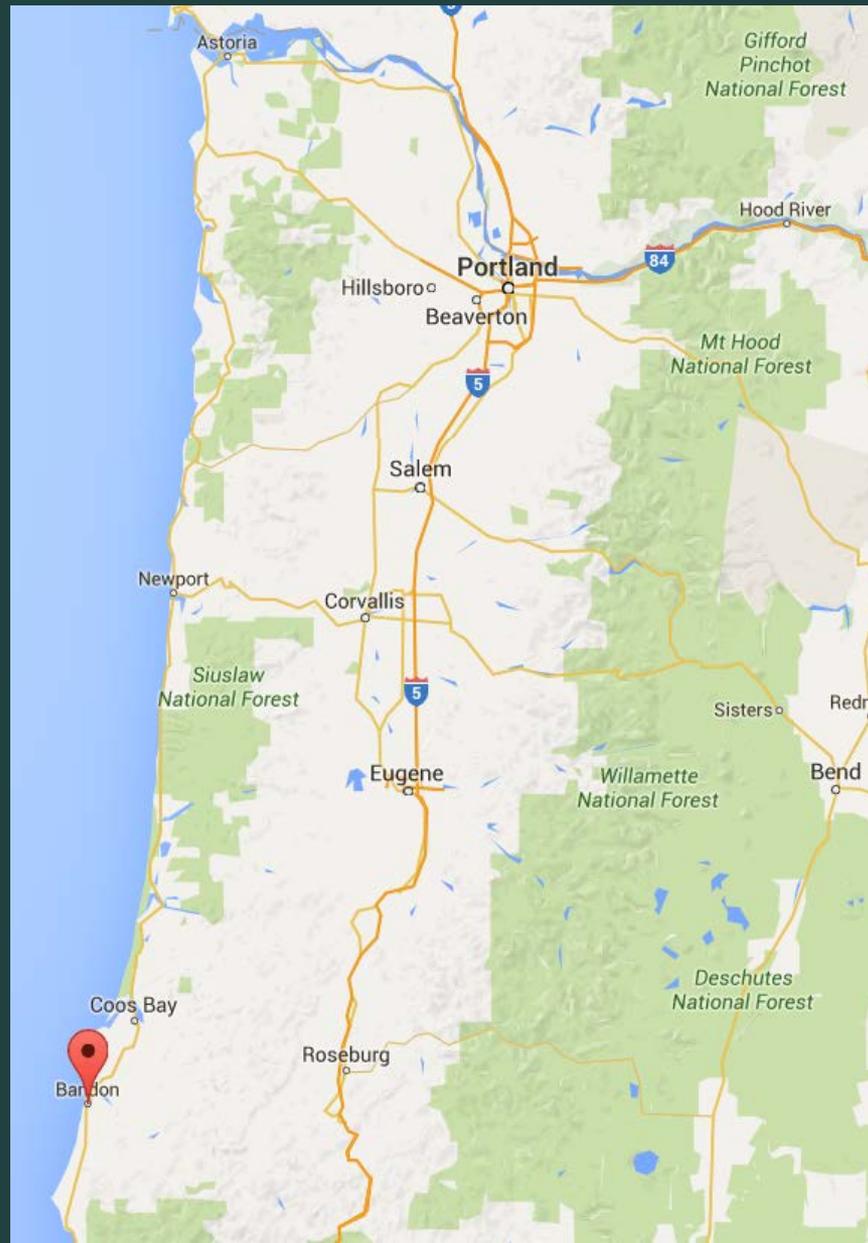


Bandon Reservoir (Storage)

- ***“Bandon Off-Channel Raw Water Storage Reservoir” - \$39,418***
- **Applicant: City of Bandon**
- **Project Goal: off-channel municipal (drinking water) reservoir – 50 acre-feet**
- **Study Scope**
- **Consultation with the Department**

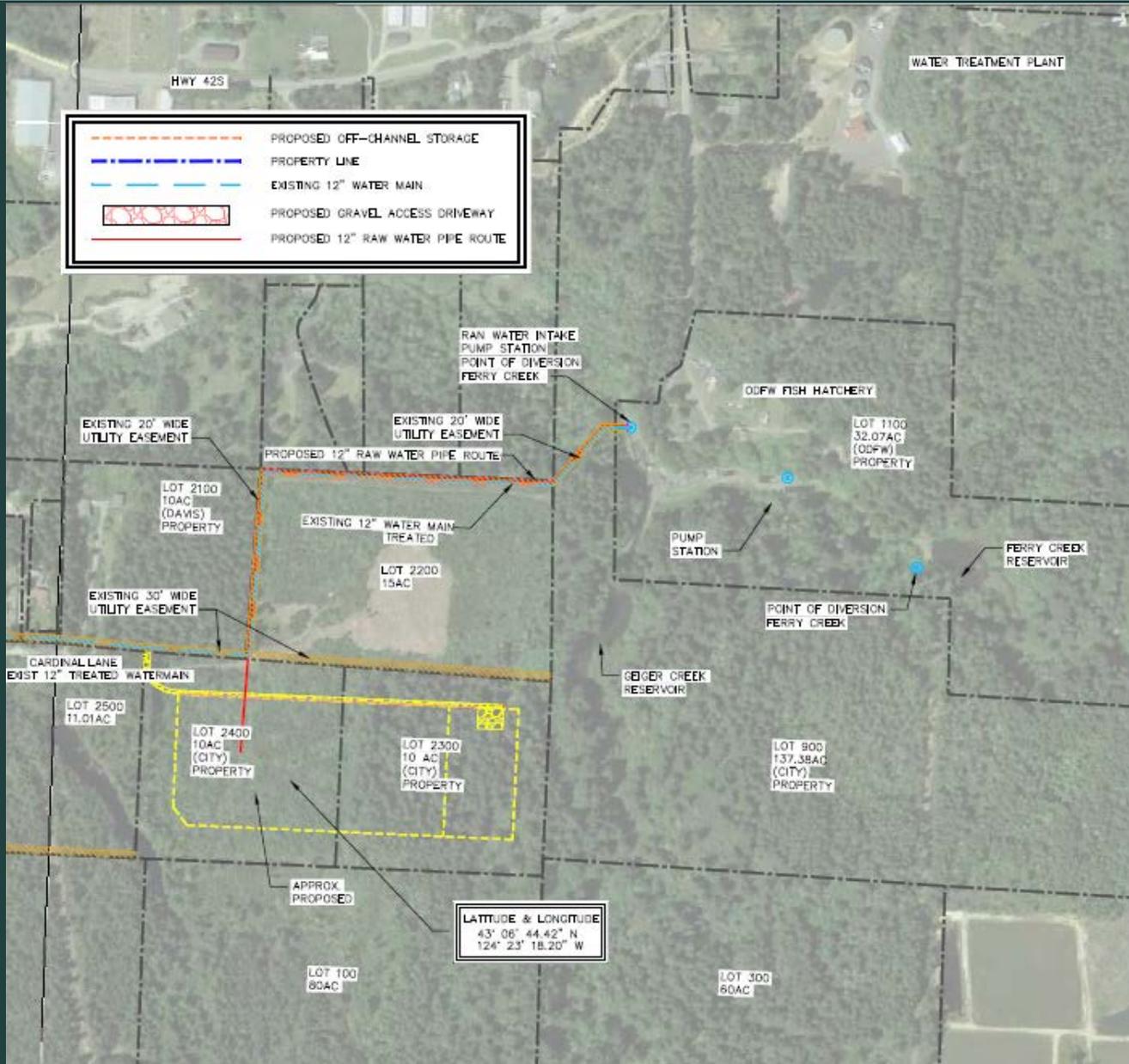


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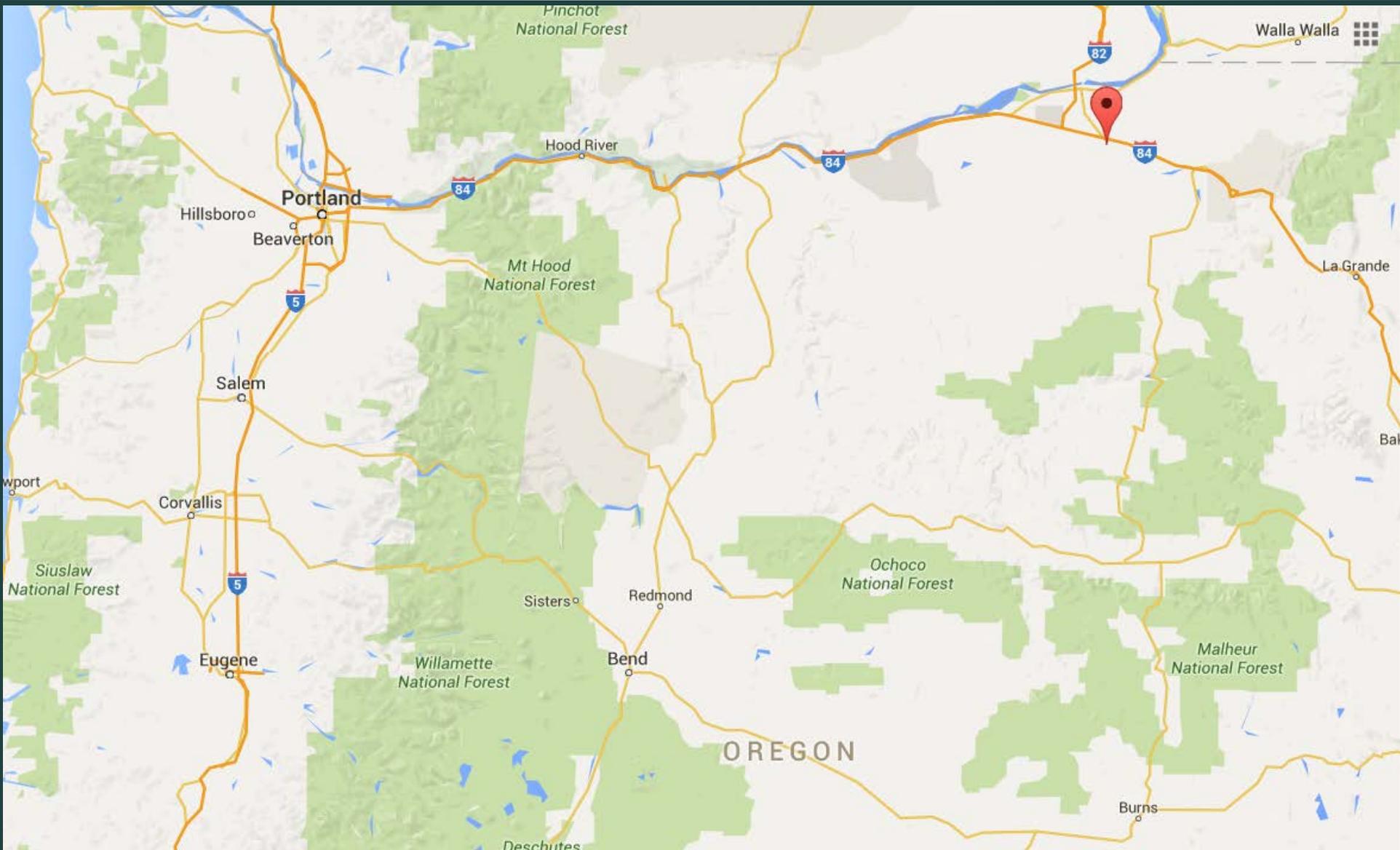


City of Echo (Reuse)

- ***“City of Echo Land Feasibility Study for Water Storage and Reuse” - \$20,000***
- **Applicant: City of Echo**
- **Project Goal - Reuse of municipal wastewater to irrigate agricultural land**
- **Study Scope**
- **Consultations with the Department**



City of Echo (Reuse)



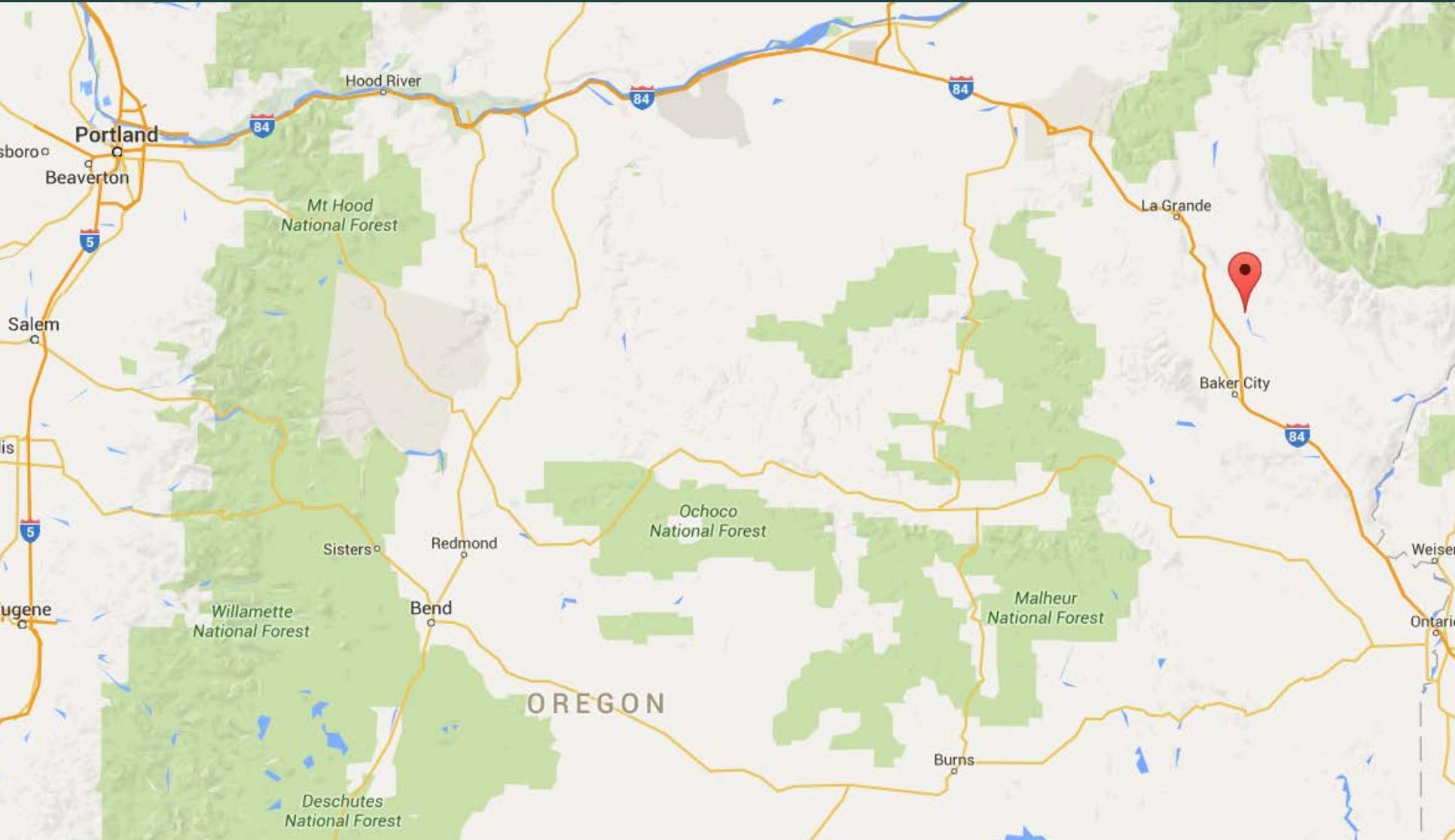


Thief Valley (Storage)

- ***“Thief Valley Restoration Feasibility Study”*** - \$239,520
- **Applicant: Keating Soil & Water Conservation District**
- **Project Goal – Regain lost storage capacity by installing a inflatable rubber dam on the existing spillway at Thief Valley Reservoir - 5,500 acre feet**
- **Study Scope**
- **Consultation with the Department**

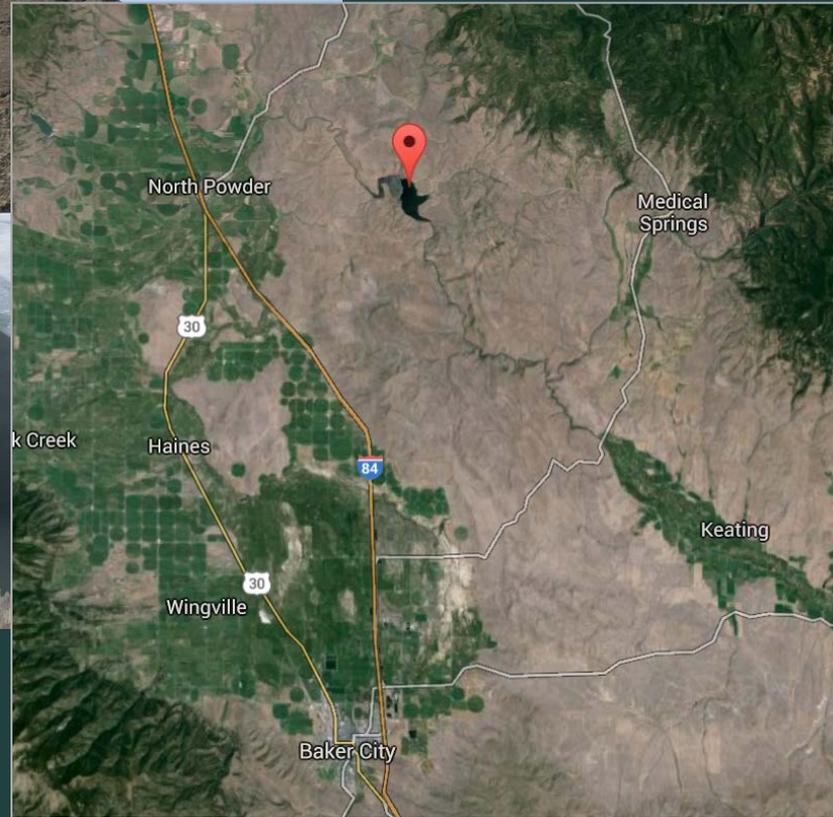


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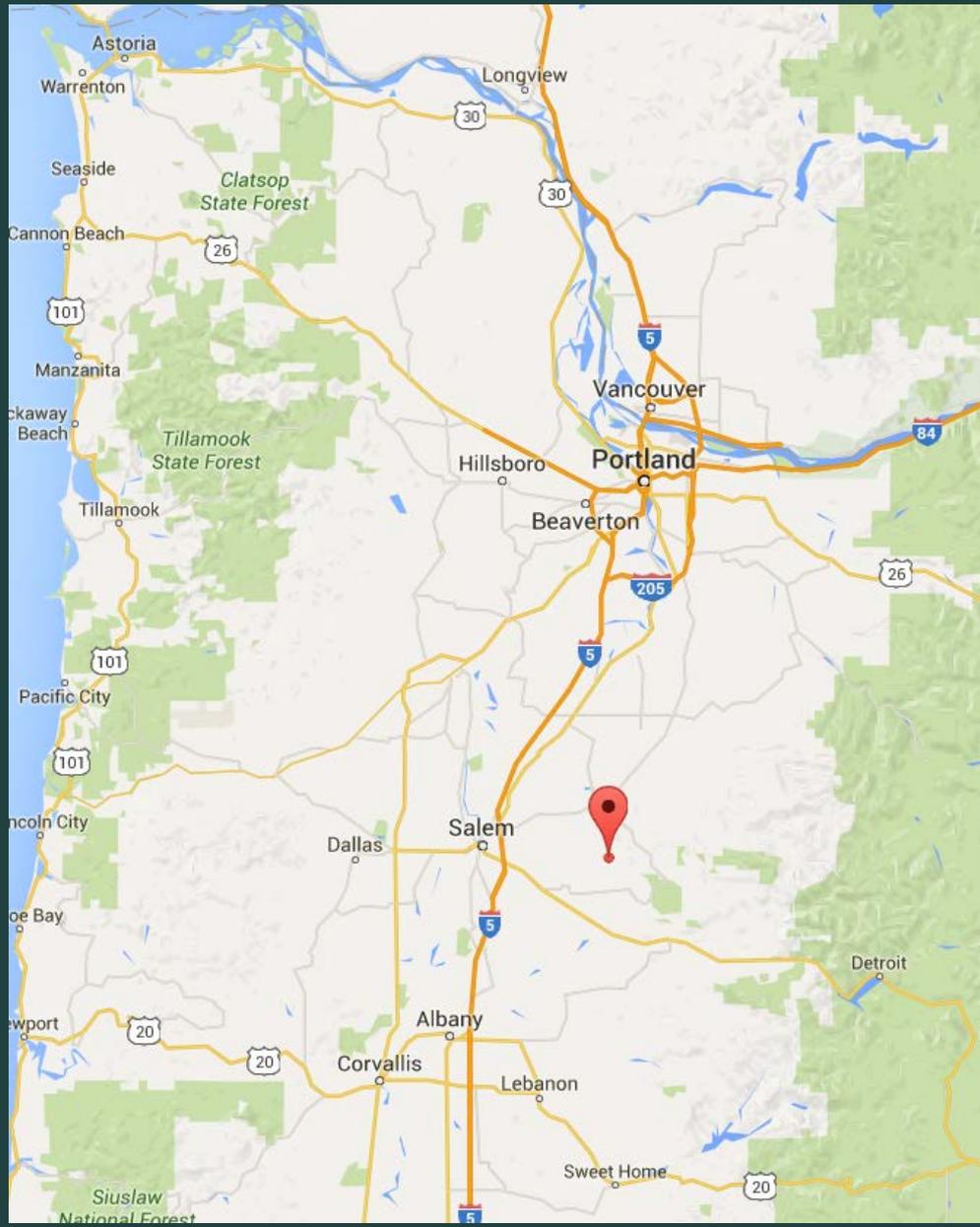
Thief Valley (Storage)



Drift Creek Water Supply (Storage)

- ***“Drift Creek Water Supply Development Project” - \$76,320***
- **Applicant: East Valley Water District**
- **Project Goals – Storage of 12,000 acre-feet of water**
- **Study Scope**
- **Consultation with the Department**
- **Previous Studies**
- **Not recommended for funding**
- **Public Comments (5)**

Drift Creek Water Supply (Storage)



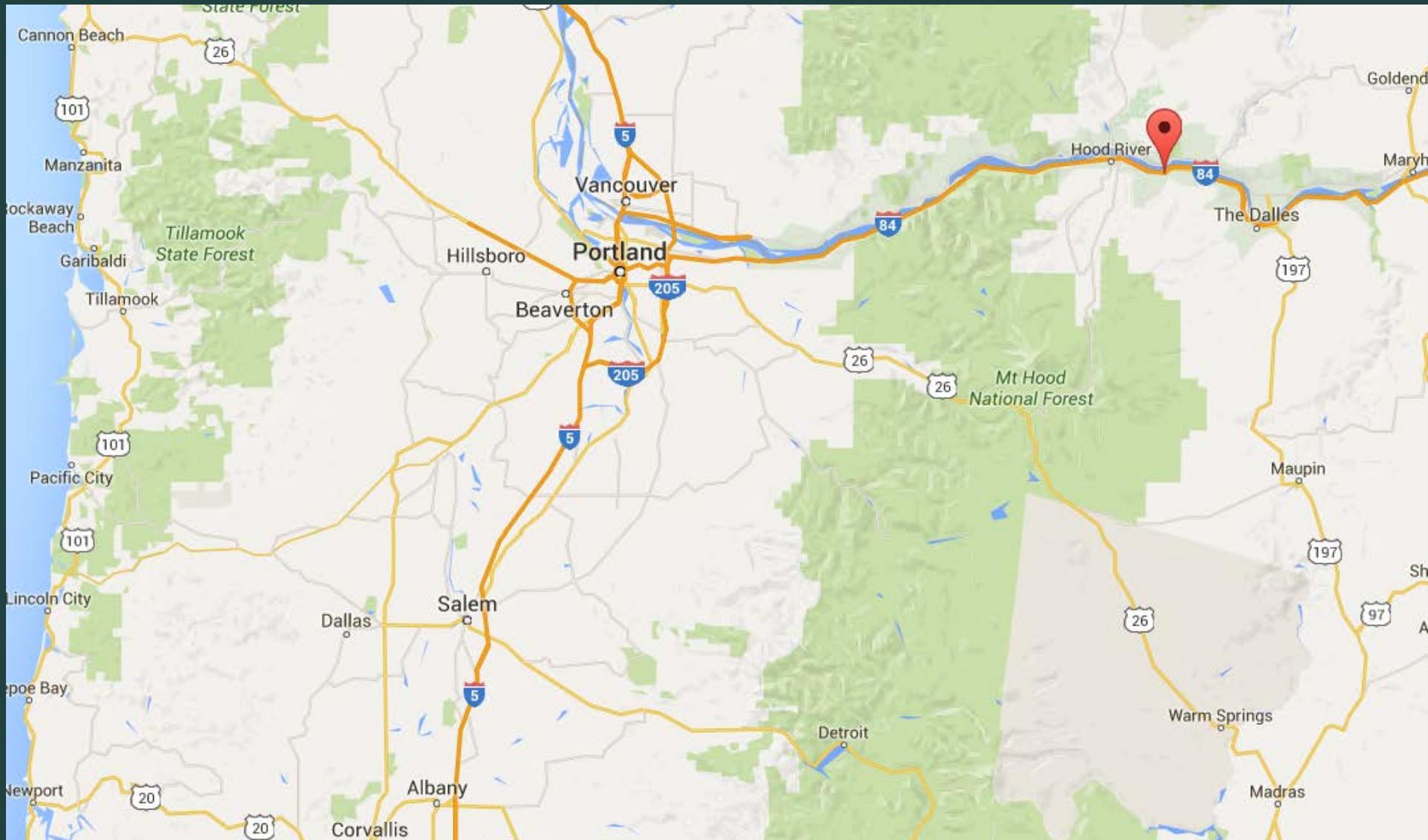


Mosier Valley Well Evaluations

- ***“Mosier Valley Commingling Well Evaluations”*** - \$132,900
- **Applicant: Wasco County Soil & Water Conservation District / Mosier Watershed Council**
- **Project Goals – To gather site specific data to determine the extent of commingling (flow between aquifers)**
- **Study Scope**
- **Consultation with the Department**
- **Not recommended for funding**



Mosier Valley Well Evaluations



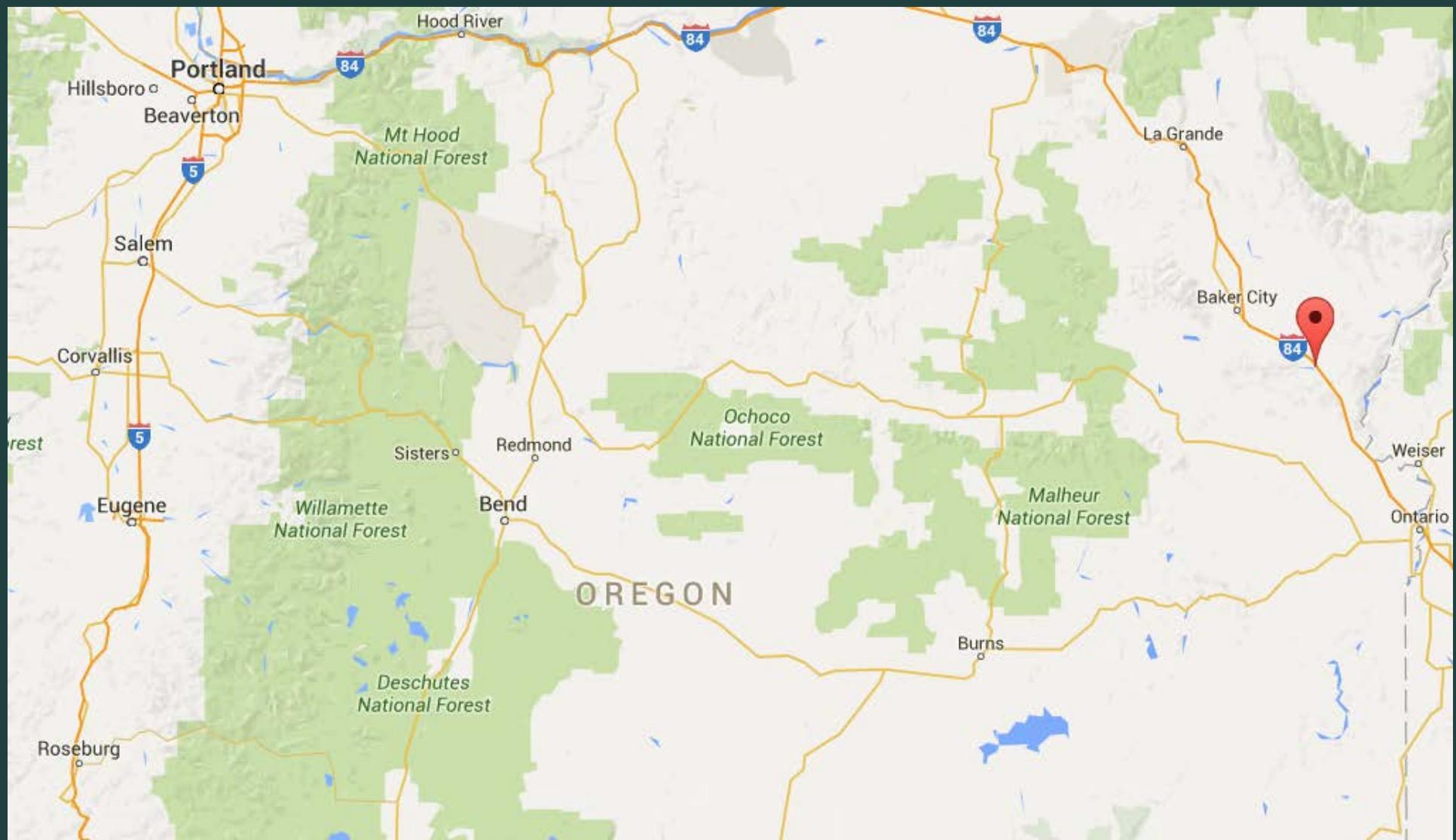


Alder Creek Reservoir (Storage)

- ***“Alder Creek Reservoir Feasibility Study”*** -\$58,747
- **Applicant: Bert Siddoway**
- **Project Goals – Assess geologic, hydrologic and economic feasibility of reservoir.**
- **Study Scope**
- **Consultation with the Department**
- **Not recommended for funding**
- **Public Comments (*2 public comments and a petition with 25 signatures*)**



Alder Creek Reservoir (Storage)





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Staff Recommendation

The Commission may consider the following alternatives:

- **Adopt funding recommendations.**
- **Adopt modified funding recommendations.**
- **Direct the Department to further evaluate the applications and return with a revised funding proposal.**



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