

**GOVERNING BOARD
OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES**

**December 12, 2024
9:00 a.m.**

Teleconference Public Meeting Agenda

This public meeting will be conducted as a virtual meeting. Written testimony can be submitted in advance, but no later than 12:10 p.m. on the meeting day to lori.calarruda@dogami.oregon.gov. Written comments received will be distributed to the Board.

Dial: 1-253-215-8782

When prompted, enter ID number: 885 1698 0919

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The Board makes every attempt to hold strictly to the sequence of the distributed agenda. Times and topics may change up to the last minute. This agenda is available on the DOGAMI website: www.oregon.gov/dogami.

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|--------------------|-----------------|---|
| 9:00 a.m. | Item 1: | Call to Order – Chair Linda Kozlowski |
| 9:05 a.m. | Item 2: | Introductions – Chair Linda Kozlowski and Staff |
| 9:10 a.m. | Item 3: | Review Minutes of September 19, 2024 Board Meeting
Board Action: The Board will be asked to take an action on this item |
| 9:15 a.m. | Item 4: | Confirm 2025 Board Meeting Dates and Board Retreat
Board Action: The Board will be asked to take an action on this item |
| 9:30 a.m. | Item 5: | Financial Report – Steve Dahlberg, Chief Financial Officer
Board Action: The Board will be asked to take an action on this item |
| 9:45 a.m. | Item 6: | Governor’s Budget – Steve Dahlberg, Chief Financial Officer and Ruarri Day-Stirrat, Director
Briefing: The Board will not be asked to take an action on this item |
| 10:15 a.m.. | Item 7: | Presentation: GSA Film – Alex Lopez, Public Affairs Coordinator
Briefing: The Board will not be asked to take an action on this item |
| 10:30 a.m.. | Break | |
| 10:45 a.m. | Item 8: | Presentation: Geologic Carbon Sequestration Discussion – Ruarri Day-Stirrat, Director
Briefing: The Board will not be asked to take an action on this item |
| 11:15 a.m. | Item 9: | GNRO Report – Geoff Huntington, Senior Natural Resources Advisor
Briefing: The Board will not be asked to take an action on this item |
| 11:45 a.m. | Item 10: | MLRR Update – Sarah Lewis, MLRR Program Manager
Briefing: The Board will not be asked to take an action on this item |
| 11:55 a.m. | Item 11: | GS&S Update – Jason McClaughry, GS&S Program Manager
Briefing: The Board will not be asked to take an action on this item |

12:05 p.m. Item 12: Public Comment

Only written comments received prior to or by 12:10 p.m. on the day of the meeting will be accepted

12:10 p.m. Item 13: Board Adjourn

PLEASE NOTE

AGENDA

The public portion of the Board meeting will begin at 9:00 a.m. and proceed chronologically through the agenda. Times listed on the agenda are approximate. At the discretion of the Chair, the time and order of agenda items—including addition of intermittent breaks—may change to maintain meeting flow.

PUBLIC TESTIMONY

Only written comments will be accepted.

REASONABLE ACCOMMODATION OF DISABILITIES

Please contact us at least three business days prior to the meeting to let us know if you need reasonable accommodations. Contact the Director's Office at (971) 673-1555 to make your request.

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Lori Calarruda, Executive Assistant

Date: November 19, 2024

Regarding: Agenda Item 3 – Review Minutes of September 19, 2024 Board Meeting

Attached are draft Board Minutes from the September 19, 2024 Board Meeting.

Proposed Board Action: The Board Minutes of September 19, 2024 Board Meeting be Approved/Approved as Amended/Not Approved.

**GOVERNING BOARD MEETING MINUTES
OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES**

Thursday, September 19, 2024

8:30 a.m.

Virtual Public Meeting

1) Call to Order: (Linda Kozlowski, Board Chair)

Chair Kozlowski called the meeting to order at 8:37 a.m.

2) Introductions: (Linda Kozlowski, Board Chair, and Staff)

Chair Linda Kozlowski, Vice-Chair Anne MacDonald, Board Members Diane Teeman, and Tiffany Thomas were in attendance via Zoom video/phone. Board Member Ruth Dittrich was not in attendance.

Department of Geology and Mineral Industries (DOGAMI) Staff in attendance:

Ruarri Day-Stirrat – Director/State Geologist

Sarah Lewis, MLRR Program Manager

Lori Calarruda, Recording Secretary/Executive Assistant

Alex Lopez, Public Affairs Coordinator

Steve Dahlberg, Chief Financial Officer (CFO)

Laura Gabel, KPM Coordinator and Coastal Field Geologist

Nicole Ledbetter, MLRR Permit Specialist

Clayton Bowden, MLRR Permit Specialist

Others in attendance:

Diane Lloyd, Department of Justice (DOJ)

Katie Bannikov, Legislative Fiscal Office (LFO)

Kendra Beck, DAS Office of the Chief Financial Officer

1 **3) Review Minutes of June 25, 2024, and July 22, 2024 Special Board Meeting:**

2 Chair Kozlowski asked if there were any changes to the minutes as presented. No changes.

3

4 Board Action: **MacDonald moved to approve the minutes of June 25, 2024, and July 22, 2024**
5 **Special Board Meeting as submitted. Teeman seconded. Yes Votes: Kozlowski; MacDonald;**
6 **Teeman and Thomas. Motion carried.**

7

8 **4) Financial Report:**

9 Steve Dahlberg, Chief Financial Officer, presented the DOGAMI FY2021 Budget Status Report, as of
10 July 31, 2024, for the Geological Survey and Services (GS&S) and Mineral Land Regulation &
11 Reclamation (MLRR) programs. The Board Packet contained the financial actuals, graphs, and
12 projections.

13

14 Dahlberg said DOGAMI's General Fund expenditure budget is \$7.8M with projected expenditures to
15 be \$7.5M, resulting in the Agency being \$300,000 underbudget. Other Funds Expenditure Limitation
16 is \$2.6M with projected expenditures to be \$2.2M resulting in the Agency being \$400,000 under the
17 Expenditure Limitation. Federal Funds Expenditure Limitation is close to \$5.7M with project
18 expenditures of \$3.5M resulting in the Agency being under \$2.2M under the Expenditure Limitation.
19 Dahlberg explained that the Expenditure Limitation is not money DOGAMI has to give back, but is
20 actually an amount it can spend up to as long as the Agency has the revenues to cover the expenses.
21 The Federal Funds for this biennium were planned 2-3 years ago, but the federal funders did not
22 come through with the anticipated Lidar projects, so the actual amount is less than expected. There
23 are fourteen active federal grants, and several others that are closing out.

24
25 The MLRR Expenditure Limitation is \$5.2M with projected biennium expenditures of \$5.7M. The
26 Agency will ask for an increase in the Expenditure Limitation at the December Emergency Board (E-
27 Board) to get the Program back in balance. The 6-month operating reserve is almost on target.

28
29 Chair Kozlowski asked if there is any concern over the Federal Funds given the changes going on.
30 Dahlberg said from a financial perspective the Agency had had staff resource projects and Lidar
31 projects, but in the most recent round of grant proposals the Lidar projects are not there, but the
32 staff resource projects as doing well. Day-Stirrat added that Lidar is a little soft, but the Agency
33 continues to look for opportunities, and the other areas of the federal grants are up so there are no
34 concerns.

35
36 Dahlberg briefly discussed a graph showing the 2023-25 General Fund Utilized Budget, and reviewed
37 the GS&S General Fund, Other Funds, and Federal Funds Summaries that reflect the high level
38 numbers for the budget, actuals and projections. He stated as long as it stays green, everything is
39 good.

40
41 Dahlberg briefly reviewed the MLRR Other Funds and MLRR ePermitting General Fund Summaries.
42 He stated for the ePermitting Project, the Agency is working with DAS to go through a special
43 procurement process and is currently following steps to keep it on track since DOGAMI is
44 wanting/planning to use the DEQ platform.

45
46 Dahlberg reviewed and explained graph details for the GS&S Grants 2019-28, stating the Agency is
47 doing well and has a healthy outlook. The Agency works closely with the LFO and CFO Analysts on a
48 monthly basis to keep everyone in tuned with what is happening with the Agency, where the State is
49 looking, and any concerns.

50
51 Chair Kozlowski said she remembered the financial reports from 3-4 years ago. The details of the
52 reports now are impressive and the relationship with LFO and CFO has strengthened. This is a major
53 step forward. She commended Dahlberg and the staff for an excellent job and thanked him and Day-
54 Stirrat for providing the data to the Board.

55
56 Vice-Chair MacDonald asked if there is any talk about having more higher resolution Lidar in the
57 areas not currently covered on the map in the Board Packet, and if there are any potential staff
58 limitations on the upcoming grants that may require different strategies to implement them. Day-
59 Stirrat said the Lidar is a little soft because DOGAMI is the Lidar Consortium for the State, which
60 requires putting together multiple funding and interest groups to come up with a collective, and
61 USGS has stopped funding Lidar and doing the acquisitions themselves, but he does not know why.

62 This is a challenge long term for the Agency. Staff capacity right now is a challenge, as part of federal
63 grants the Agency has to fill in current and pending staff, and senior staff are fully committed the
64 next 1-3 years. The Agency must be creative in handling them by looking at interns, partnering with
65 universities, or the need for limited duration (LD) staff to help complete the grants. There may also
66 be the need to leave some opportunities on the table due to capacity.

67
68 Teeman echoed Chair Kozlowski's comments on the improved budget reporting and stated she uses
69 the Agency as an example of how things can really turn around. With regards to repeat Lidar, a good
70 portion of the State does not have high resolution Lidar, she thinks this is a good argument to go back
71 and offer the State that higher resolution that is available now.

72
73 Board Action: **Teeman moved to accept the Budget Status Report as presented. Thomas seconded.**
74 **Yes Votes: Kozlowski; MacDonald; Teeman and Thomas. Motion carried.**
75

76 **5) Agency Key Performance Measures (KPMs) Annual Update:**

77 Laura Gabel, Coastal Field Geologist and KPM Coordinator, reviewed the Agency's Annual Key
78 Performance Measures (KPMs), including the Annual Assessment by the Board. Day-Stirrat also
79 provided a brief background on the KPMs and what they are for. He noted that KPM 2, Geologic Map
80 Completion, was originally drafted to focus on mapping close to Urban Growth Boundaries (UGBs)
81 and populations, but due to interest around critical minerals, it has changed, and the Agency is now
82 mapping in areas where no one is living. Both metrics are valid, as the total for the State is tracked,
83 not just the relation to population.

84
85 Chair Kozlowski stated the KPMs are critical and watched closely, and sometimes need to be changed
86 occasionally to match the current focus of the Agency. It is important to measure what the Agency's
87 performance is, and the KPMs do a good job reflecting that.

88
89 Thomas asked clarifying questions regarding the Executive Director's performance expectations, and
90 if they are based on the same performance criteria discussed during the review process. Day-Stirrat
91 replied he thought the question is has the Board followed the State 360 Review Process to assess the
92 Director's performance, and the answer is yes because it was completed in June. Thomas stated the
93 questions must not be forward looking but all retrospective. Day-Stirrat agreed.

94
95 Thomas asked clarifying questions regarding the meanings of terms for the Board Questions,
96 particularly "others", and if it refers to internally within the Board, Department, or externally to other
97 Departments. Day-Stirrat answered historically the Board has taken it to mean everything internally
98 and externally to the Board, Agency, and other State agencies.

99
100 Thomas asked if the Board had reviewed its management practices as part of the recent cycle or if it
101 is something that is a periodic structured review. Chair Kozlowski stated her opinion is the Board is
102 already doing that by watching the finances and working together to make sure best practices are
103 followed. She added Thomas was asking great clarifying questions and it is important Board
104 Members understand what they are agreeing with. A brief discussion took place, and clarifying the
105 terminology for KPM 6, the Board's Annual Assessment, will be done at a later meeting.

106
107 Thomas asked if the gap areas not covered for risk assessments is driven in part by the population
108 needs (KPM 1: Hazard and Risk Assessment Completion). Day-Stirrat said one part is due to where

109 the Urban Growth Boundaries are located, and the second part is the Agency’s ability to secure
110 external funding. However, hazard assessments have been done in all Oregon counties. Gabel added
111 that county wide risk assessments do not always overlap an Urban Growth Boundary, but are
112 included in the KPM calculation.

113
114 Chair Kozlowski asked how the Program came up with 20% of mine sites (KPM 4: Mine Site
115 Inspections). Lewis said it was determined that all active sites could be inspected over a 5-year cycle,
116 given the current staffing level and activity. If activity were to increase, they would not be able to
117 meet the 20% target. Vice-Chair MacDonald added that water quality permits typically have a 5-year
118 renewal period, so this is a good benchmark for other related permitted activities.

119
120 Chair Kozlowski asked why the survey responses were up for MLRR (KPM 5: Customer Service). Lewis
121 said the Board had previously asked that the surveys go out more frequently and in different ways,
122 which has been done.

123
124 The Board completed their Annual Assessment by answering the required 15 questions, which
125 included review of the Annual Performance Progress Report, also known as the KPMs that will be
126 submitted to DAS.

127
128 **Board Action: MacDonald moved approve the revisions to the 2024 Annual Progress Performance**
129 **Report as presented. Teeman seconded. Yes Votes: Kozlowski; MacDonald; Teeman and Thomas.**
130 **Motion carried.**

131

132 **6) Presentation(s): Vertical Evacuation Structures and Customizing Evacuation Maps:**

133 Laura Gabel, Coastal Field Geologist and KPM Coordinator, presented on Vertical Evacuation
134 Structures and Customizing Evacuation Maps.

135
136 Gabel has been looking at tsunami evacuation and increasing survivability through vertical
137 evacuation structures (VES) in Seaside and Cannon Beach, this specific presentation was focused on
138 Seaside. The project is funded by the National Tsunami Hazard Mitigation Program (NTHMP) and the
139 focus is to improve life safety, and the number of people that can successfully evacuate from a
140 tsunami for communities where high ground is difficult to reach. It is being done by identifying and
141 prioritizing mitigation ideas focused on vertical evacuation, bridges and large-scale infrastructure.
142 She explained the pilot program in detail.

143

144 In communities where high ground is difficult to attain for many people, an alternative solution is to
145 bring high ground to the people, but it must be a structure engineered to withstand the shaking of a
146 Cascadia earthquake, survive the forces of tsunami waves, and people on the building surviving the
147 event in that location. These are challenging buildings to commit to, and agree to construct and
148 fund. She showed several examples of evacuation structures and said Washington State is leading
149 the way on this, but they have a much different coastline that Oregon. They have developed a
150 manual for how to build one, that includes how to move through all the steps. Oregon is currently
151 developing a similar manual through NTHMP funding, which will be published before the end of the
152 year.

153

154 Gabel said they worked with Seaside throughout the process to ensure the city understood what was
155 being done, and their concerns and issues were heard. The city has been reviewing the report to
156 ensure they can use what is in it for their future asks to FEMA for vertical evacuation structures.
157

158 Gabel walked the Board through the detailed report results presentation, which focused specifically
159 on the 20 minutes after the event, and showed the flow of the tsunami into the city. Gabel reviewed
160 and discussed several scenarios and outcomes for different number of vertical evacuation sites and
161 people who may be in Seaside on a given day. This also include the impact of the bridges surviving
162 the earthquake. She stated this is a hypothetical exercise, and the proposed VES sites are not vetted
163 beyond conversations with Seaside.
164

165 Gabel added that in addition to having conversations with Seaside staff, Emergency Manager, City
166 Planner, and City Manager, she has presented this information to their City Council. The City
167 Manager asked the City Council to restructure their 5 year Public Safety Plan because they had listed
168 retrofitting all the bridges as their number one priority, and the identified vertical evacuation
169 structure with the parking garage was number four. They are now thinking of swapping them
170 because they recognize that their dollars could be better spent elsewhere. Gabel added that Director
171 Day-Stirrat and Jon Allan had recently presented this information to Representative Suzanne
172 Bonamici, and they are starting to showcase this work on a broader scale to provide assistance to
173 other coastal communities.
174

175 Chair Kozlowski said the data provided is so amazing, and has had a huge impact on Seaside since the
176 focus has been on investing on the bridges, which is a stark difference in terms of where the best
177 investment would be in VES. The access to get out of the inundation zone is really challenging.
178

179 Vice-Chair MacDonald said this a great first start, but should also include the day visitors and the
180 capacity of the structures. This information is good for prioritizing which is the best bang for the
181 buck, but not good for setting community expectations, as people tend to latch on to numbers and
182 not context. It is important to set some expectations for survivability and the inverse casualties, and
183 if it is a parking structure, what is the realistic capacity for additional people and what would the cost
184 be to design it. Gabel said the capacity of existing structures is 1,000 people, and they are talking a
185 minimum of 4,000 people, which does not include the potential 10,000 to 20,000 day visitors that will
186 predominantly be clustered in that area. There are companies designing the structures that are
187 thinking about those challenges.
188

189 Thomas asked if there are any existing structures in the model that are tall enough, that could be
190 retrofitted for stability to survive a tsunami. Gabel said just a few hotels that might, but they have
191 not been assessed for their ability to withstand a tsunami or what it would cost to do so. Thomas
192 asked if the parking structure is still preliminary or currently being planned. Gabel said she had
193 distinct impression they are not moving forward with the parking garage at this time, but may in the
194 future. Thomas added this is really cool work. Gabel replied she loves the work she does and is
195 extremely rewarding to work closely with the users of the data.
196

197 In Gabel's next presentation, she reviewed evacuation maps. DOGAMI has been making different
198 evacuations maps for a long time, and believe that visitors/tourists are at a disadvantage over locals
199 at the Oregon coast, but recognize the need to meet people where they are in order to have them
200 willing to get the information they need. There is an online viewer that can be accessed by phone,
201 with routes that show the way to safety. There are evacuation maps, but they are meant for a single

202 location or section of town. The Coastal Team has been working with hotels to assist guests get to
203 safety quicker, and have now developed an automated way to generate evacuation maps for any
204 location/specific point of interest, not just a specific area, that provides the route to the nearest high
205 ground from that location. It includes how far the walk is and how many minutes you have to walk it.
206 She showed an example for the La Quinta Inn, stating the hotel plans to print these on hard plastic
207 and place them on the back of every hotel room door like a fire escape map. The new automated
208 ability makes it really quick to make and share them, and they have been creating them for several
209 hotels. Gabel has been handing them out to people at City Hall as outreach material. The ultimate
210 goal is to make the tool available online for people to use for themselves and take DOGAMI out of
211 the equation of generating the maps. The Coastal Team is excited about this new ability and she
212 gave kudos to Fletch O'Brien for the work he has done to make it an efficient and doable process.

213
214 Chair Kozlowski asked when this would be available to use on cell phones. Gabel said technically
215 there is an online viewer on Oregontsunami.org that you can use now, but the routing information
216 does not get included in the final PDF it generates. There is also a phone app for the online tsunami
217 zone viewer, but it does not have the capacity to do routing and is hosted on an outside platform so
218 it is limited. DOGAMI has been having conversations on how to bring some of it in house and make it
219 available on its own servers.

220
221 Vice-Chair MacDonald thought McMenamins and other brew pubs would be great partners on this.
222 Gabel stated they are doing their best to get out there to reach out to hotels, in addition to their
223 other work. MacDonald suggested contacting the GIS Program at Portland Community College to
224 have them produce some of these maps, as the Capstone class does public interest projects.

225
226 Teeman said there has been a lot of work done archaeologically and with the indigenous
227 communities on the coast around tsunamis and their behavior that is reoccurring. She asked if there
228 has been any work done to incorporate the additional oral history and utilized in the modeling.
229 Gabel answered yes, that has been incorporated into the modeling along with modeling DOGAMI did
230 in 2009-2013, which ultimately led to all the maps they work with today. She said they do reach out
231 to the Tribes in the areas they are working in and invite them to come to the table to discuss tsunami
232 evacuation. Some have joined to specifically discuss evacuation of Tribal lands and what is important
233 to them in the context of tsunami preparedness and evacuation.

234
235 Chair Kozlowski said OEM had a program to reach out to the hospitality industry and asked if they
236 have reached out to Althea about any partnership. Gabel said OEM has not been doing outreach
237 since the pandemic but they are starting to reach out to County Emergency Managers to rebuild
238 connections. They came up with a 15 minute online training in English and Spanish, called the
239 Tsunami Safe Module, to help staff know what they should do in the event of a tsunami. The Coastal
240 Team would really love to share with businesses the customizable maps and encourage them to have
241 staff take the training.

242
243 Vice-Chair MacDonald said it sounds like a project for the Scouts, Boy Scouts and Girl Scouts.

244
245 Chair Kozlowski stated it was a great presentation and she loved the graphics. She thinks since it is
246 post COVID and people are starting to re-engage, this is a good time to have this information out
247 there. Kozlowski said she would like to work with Gabel for hospitality outreach in her area.

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249 Briefing: **No Board Action Required.**

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7) MLRR Update:

Sarah Lewis, MLRR Program Manager, provided an update on MLRR. Lewis stated the Board Packet contained a wealth of information about the MLRR Update. The map in the packet is the same one that appeared for the MLRR KPM. It shows all the mine sites across the State, blue means current permitting activity, yellow are sites that have submitted their renewal reports in the last 3 months, and green are site visits done in the last 6 months.

Permit Status Summary

Lewis stated permit numbers are stable, there are 84 applications, which is two more than last quarter. These numbers are point in time metrics when the report was pulled, and could be different now. She reviewed the overview of the last 3 years of applications received and permits issued. The average processing time for an applications last year was around 12 months. There are two applications that took over 2 years to permit, which can skew the numbers. Since the last Board meeting, MLRR received eleven new applications and issued four permits. The packet included the DOGAMI Mining Permit Application Process and Workload that shows where the applications are in the process. At some point some applications will be removed due to information not being provided or the applicant is not moving forward with due to permit requirements.

Vice-Chair MacDonald asked if there will be tracking of the applications being withdrawn, as she thinks it will be helpful on ePermitting. Lewis said she has grand plans for the chart and explained her future vision.

Lewis introduced two new Permit Specialists, Nicole Ledbetter and Clayton Rowden, who were hired in early summer and on today's call. In addition to the staff hired in early 2024, they are all making a difference in site inspections, application reviews, and general support of the Program. She is hopeful that site inspections will increase over next 12 to 18 months.

Lewis added the Summer Newsletter, which was not ready at the time of the June meeting, was in the packet and the Fall Newsletter will be going out next month. This issue reminds people about the permitting timeline, announced new staff members, provided an overview of the Program's procedures around protecting cultural resources, and discussed inspections and offered some tips.

Grassy Mountain

The Project Coordinating Committee met on September 12, 2024 and heard a presentation from MLRR's contractor on the Environmental Evaluation, the land use findings, and the coordination with the Bureau of Land Management (BLM) on their parallel process. As part of that, the Environmental Evaluation has been put out on the Agency website for the 14 day public comment period. The comment period closes September 22, 2024. The comments will go to the Technical Review Team (TRT) and DOGAMI, with a planned meeting on October 3, 2024. The TRT will consider accepting the Environmental Evaluation as complete, which would start the 225 day clock to write draft permits for the project. Lewis will report back on the decision at the next Board Meeting. She added that MLRR has a web page dedicated to the Grassy Mountain Project where all the materials, comments and meetings are posted.

Chair Kozlowski asked if they are getting a lot of questions/comments. Lewis said they have received one public comment so far.

297
298 Briefing: **No Board Action Required.**

299
300 **8) GS&S Update:**

301 Ruarri Day-Stirrat, Director & State Geologist, provided the GS&S program update. The Board Packet
302 contained the extensive report on all the activities for GS&S.

303
304 Publications: There are 11 publications so far this year, with another 17 publications on deck but
305 expecting it to be closer to 20 by the end of the year.

306
307 Grants:
308 Day-Stirrat highlighted a new program called the US Geological Survey (USGS) National Landslide
309 Hazard Program. It has a small amount of funding nationally at the moment, but DOGAMI was
310 successful in receiving a first grant, which is a new landslide funding mechanism into the Agency.
311 Part of the project requires offering training opportunities for young scientists, DOGAMI will be hiring
312 two interns from Portland State University (PSU) to work on this grant. This is part of Agency's
313 Strategic Plan, and this action advances it.

314
315 Day-Stirrat did not go through all the grants, but stated there are a lot of awards pending. He said
316 the US Dept of Energy is extremely backlogged with their awards decisions and it is taking a long for
317 the review process. One award recently announced is called *CaRBTAP*, which is a large project with a
318 total funding of \$6.25M. It is led by a company called Carbon Solutions LLC out of Michigan, and
319 DOGAMI is partners with the Washington Geological Survey, Idaho National Lab, Pacific Northwest
320 National Lab (PNNL), and several other entities. This project will be discussed with the Board at a
321 later date.

322
323 Regarding staffing, GS&S successfully hired a permanent NRS 2 Landslide Mapping Geologist – Jessi
324 Wilder. Wilder has a M.S. degree in Geology from the University of Iceland.

325
326 For the Geological Society of America (GSA) Annual Meeting, there are 12 abstracts from Agency staff
327 in the meeting, typically it is 3 to 5 abstracts, which is showing long-term productivity of the GS&S
328 staff.

329
330 Day-Stirrat finished by saying the Program is in good health. It is also matched by productivity on
331 delivering on promises made to funding entities.

332
333 Vice-Chair MacDonald stated she is happy to see all the GSA presentations and that staff are
334 attending.

335
336 Briefing: **No Board Action Required.**

337
338 **9) Director's Report:**

339 Ruarri Day-Stirrat, Director & State Geologist, provided a brief update on the Agency.

340
341 Agency Update

342 Day-Stirrat said quite a few number of staff are going to GSA, the Agency will have a booth in the
343 exhibit hall, and updated outreach materials have been completed. There will also be a video
344 promoting the work the Agency does as well. It was filmed on the Coast and in eastern Oregon to
345 reflect the vastness of the State of Oregon in terms of its geology, and several staff members were
346 interviewed. A preview will happen at the next Board Meeting.

347
348 Day-Stirrat said the Agency is busy partnership building. Some of the project now being proposed are
349 large in nature and cannot be achieved solely by DOGAMI, the Agency is actively partnering with
350 national labs and universities to advance its work. The U.S. Department of Energy has effectively
351 mandated that successful grants must be part of an integrated team. This is part of the Strategic Plan
352 as a way the Agency will operate in the next few years.

353
354 The Agency is going into the regular grant writing phase. These are the more normal proposals that
355 are very difficult to write, but more common for the Agency to do. As part of this, the Oregon
356 Geologic Mapping Advisory Committee (OGMAC) will be meeting on September 30, 2024 to decide
357 the mapping direction for the next year to write the STATEMAP proposal to USGS.

358
359 There has been no changes since DOGAMI submitted its Budget, and the Agency is waiting for the
360 Governor's Recommended Budget (GRB) to see the to see what Policy Option Packages (POPs) are
361 moved forward.

362
363 Lopez showed the updated postcards and provided more details on the process of creating them, and
364 gave kudos to Jon Franczyk for all his work on them. Most of the photos came from the Oregon
365 Scenic Images Archives, which is the Oregon Repository for scenic images of the State.

366
367 Briefing: **No Board Action Required.**

368
369 **10) Confirm Time and Date for Next Quarterly Meeting and Board Retreat/Special Meeting (October**
370 **15, 2024:**

371 Chair Kozlowski stated the next DOGAMI Board is currently scheduled for Thursday, December 12,
372 2024 at 8:30 a.m. – 1:00 p.m. in Portland or via Zoom. She confirmed this date is still acceptable for
373 the Board.

374
375 The Board Retreat and Special Meeting are currently scheduled for Tuesday, October 15, 2024.

376
377 Vice-Chair Macdonald stated she was signed up for the Symposium on Critical Mineral Resources, she
378 wanted to make sure there would not be a quorum if other Board Members attended and have it
379 construed as a meeting. Lloyd said as long as Board Members do not discuss Board business, there
380 should be no concerns.

381
382 **11) Public Comment:**

383 Only written comments received prior to or by 12:15 p.m. on the day of the meeting were to be
384 accepted. Chair Kozlowski asked for any written public comments. No public comments.

385
386 **12) Board Adjourn:**

387 Chair Kozlowski adjourned the meeting at 11:07 a.m.

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APPROVED

Linda Kozlowski, Chair

DRAFT

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Lori Calarruda, Executive Assistant

Date: November 19, 2024

Regarding: Agenda Item 4 – Confirm 2025 Board Meeting Dates

Below are the Proposed 2025 Board Meeting Dates.

Proposed dates:

March 25, 2025 (Tuesday) – alternate date is March 24, 2025 (Monday)

June 24, 2025 (Tuesday) – alternate date is June 26, 2025 (Thursday)

September 15, 2025 (Monday) – alternate date is September 8, 2025 (Monday)

November 21, 2025 (Friday) – alternate date is November 20, 2025 (Thursday)

Proposed Board Action: The Proposed Board Meeting Dates be Approved/Approved as amended/Not Approved.

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Steve Dahlberg, Chief Financial Officer

Date: November 19, 2024

Regarding: Agenda Item 5- Financial Report

Attached is the DOGAMI Budget Status Report as of September 30, 2024, for the Geological Survey and Services (GS&S) Program and the Mineral Land Regulation & Reclamation (MLRR) Program.

Proposed Board Action: The Budget Status Report be Approved/Not Approved as presented.



TO: DOGAMI Governing Board
FROM: Steve Dahlberg, Chief Financial Officer
DATE: November 21, 2024
SUBJECT: Financial Operations and Reporting

Board Governance

The Board has a duty to provide guidance related to operational decision-making and to affirm the Agency is appropriately managing its financial resources. Four key areas of responsibility include:

- The Board reviews all proposed budgets.
- The Board periodically reviews key financial information and audit findings.
- The Board is appropriately accounting for resources.
- The Agency adheres to accounting rules and other relevant financial controls.

In addition to operational communication, this memo will include topical areas of discussion related to these objectives with the expectation of inquiry and follow-up as needed to support Board governance.

Fiscal Year 2024 (July 2023 – June 2024)

Fiscal Year 2025 (July 2024 – June 2025)

The information in this Board report is as of **September 30, 2024**, which is 15 of 24 months of the 2023-25 biennium. The revenue collections, payroll monitoring, accounts payable, indirect cost capture, and financial system structure set up are routine and our normal processing. DOGAMI's actual expenditures running from July 2023 through September 2024, with projected expenditure amounts for the remainder of the biennium, October 2024 – June 2025. The overall expenditures are following our expectations and planning.

Geological Survey & Services (GS&S) Program

As of September 30, 2024

	2023-25 Projected Revenue & Expenditures			
	General Fund	Other Funds*	Federal Funds	All Funds
Total Available Revenue**	\$ 7,784,185	\$ 2,893,404	\$ 3,475,809	\$ 14,153,397
Total Expenditures	\$ (7,513,449)	\$ (2,179,491)	\$ (3,473,503)	\$ (13,166,443)
GS&S Ending Balance	\$ 270,736	\$ 713,912	\$ 2,306	\$ 986,954
Percent under Revenues	3.5%	24.7%	0.1%	7.0%
Percent under Expenditure budget	3.5%	15.7%	38.7%	17.9%

* includes the Strong Motion Instrument Fund (SMIF)

** Includes the beginning balance

The General Fund (GF): Budget is \$7,784,185, which has been updated for the biennium's Salary Pot adjustment for staff increase in pay steps and COLA's. The projected total expenditures to end the 2023-25 biennium is expected to be \$7,513,449 which is under-budget by \$270,736 or 3.5%. The total GF expenditure includes staffing costs, operating expenses, scientific equipment, DAS and other state charges, professional services, as well as grant match (in staffing costs) associated with USGS STATEMAP and USGS Data Preservation grants.

The GS&S Other Funds (OF): The projected revenues are \$2,197,572, which includes phase 3 (final) of the Private Forest Accord lidar project completed by June 30. The revenues from lidar projects accounts for \$1,486,375 (68%), other Grants (staff resource driven) of \$708,197 (32%).

The expenditures are projected at \$2,179,491 which includes our staffing costs, travel & supplies, agency indirect, and Lidar vendor costs of \$1,292,500 which results in 15.7% under the expense limitation.

The Federal Funds (FF): The total projected revenues are \$3,583,237, reflecting a small reduction in the overall projected totals for lidar projects. The grant revenues (staff resource driven) represent \$2,445,498 (68% of total federal revenues) driven by USGS (36%), FEMA (34%), NOAA (28%), and BLM (2%).

The LIDAR revenues are \$1,137,739 (32% of total federal revenues) driven by BLM (53%), FEMA (46%), and USGS (1%).

The current expenditures are now projected at \$3,473,503, reflecting the decrease in projected lidar projects. This represents expenditures being 38.7% under the budgeted expense limitation. These expenditures consist of DOGAMI staffing, travel & supplies, agency indirect, and Lidar vendor costs.

Strong Motion Instrument Fund (SMIF)

As of September 30, 2024

2023-25 Actual Revenue & Expenditures

	Other Funds
Beginning 2023-25 Balance	\$ 220,236
Actual + Projected Revenues	\$ 53,400
Actual + Projected Expenditures	\$ -
SMIF Projected Ending Balance	\$ 273,636

The Strong Motion Instrument Fund: Starts the new 2023-25 biennium with a balance of \$220,236. The revenues are projected to include two completed deposits and one projected deposit (project) for a total of \$53,400. These revenues are from developers of large building projects in-lieu of installing seismic instruments in the new buildings. DOGAMI is reviewing this program to determine if there are additional uses these funds to increase the capacity and data availability of the existing seismic network.

Mineral Land Regulation & Reclamation (MLRR) Program

As of September 30, 2024

2023-25 Projected Revenue & Expenditures

	Other Funds
MLRR Beginning Balance	\$ 1,190,221
Total Revenues	\$ 5,800,330
Total Expenditures	\$ (5,763,889)
MLRR Ending Balance	\$ 1,226,662

Percent under Expenditure budget	-11.8%
Percent of target 6-month operating reserve	94.4%

The MLRR Program – The 2023-25 biennium is projected to have revenues of \$5,800,330 consisting of permits (91.0%), DEQ Transfers (7.0%) and other sources (2.0%). The total expenditure is projected to be \$5,763,889, which is over the current budget expenditure limitation by \$608,463 (-11.8%). The agency is closely monitoring our projections and at the December Legislative E-Board, DOGAMI will request an increase of \$750,000 in the MLRR Other Fund expenditure limitation. Included in this request is a contingency amount of \$142,000. As of this board meeting, MLRR is anticipating an ending balance of \$1,226,662 representing 94.4% of the six-month operating reserve target of \$1,300,000.

Reclamation Guarantee Fund

As of July 31, 2024

Beginning 2023-25: 59 Cash Securities	\$	898,288
6 New Securities	\$	173,720
-3 Security Releases	\$	(42,548)
Biennium to Date: 62 Cash Securities	\$	1,029,460

The **Reclamation Guarantee Fund** retains \$1,029,460 in cash securities. Since the beginning of the 2023-25 biennium, there has been a total of 6 added securities with 3 this quarter and a total of 3 released securities.

Mineral Land Regulation & Reclamation (MLRR) Program General Fund - ePermitting

As of September 30, 2024

2023-25 Projected Revenue & Expenditures

	Other Funds
Total Available Revenue	\$ 2,060,023
Total Expenditures	\$ (688,501)
MLRR Ending Balance	\$ 1,371,522

Percent under Expenditure budget 66.6%

The **MLRR ePermitting Fund** began this biennium with the Legislative approval of \$2,000,000 + Salary Pot adjustment for a total of \$2,060,023 for this biennium. This is a separate fund from the MLRR operations. The projected expenditures are for vendor costs (development and hosting), DEQ will provide a project manager and DOGAMI will hire a dedicated ISS3 staff member, and existing staff will work directly on the project. The project is delayed due to the delay in DEQ completing their on-line system. DOGAMI is leveraging lessons learned and will utilize the project management staff from the DEQ project. This change will push out our starting timeframe, but not the overall duration of the ePermitting implementation. DOGAMI is currently pursuing the Special Procurement with DAS so we may award DEQ's existing vendor and platform for DOGAMI's ePermitting project. To carry over the unspent amount in 2023-25, a Policy Option Package (POP) has been submitted to carry over the remaining balance into the 2025-27 biennium.

Business Office Activities

All required grant financial reporting is complete and up to date. We hold monthly project manager meetings, using tracking tools and project financials to review the financial status and project updates.

The Business Office continues to be on-time with processing accounts payable items, creating invoices and federal draws, various grant reporting, and continue our analysis of the grants and lidar projects.

The Workday payroll platform is updated to fix the OPE reallocation issue and other bugs.

Financial Terms:

Allotment – the agency’s plan of estimated expenditures, revenues, cash receipts and disbursements. Quarterly, agencies submit their request for the allotment to DAS and upon approval, funds are made available to the agency.

Appropriation – An amount of money from the General Fund approved by the Legislature for a certain purpose.

ARB – Agency Requested Budget. Using the CSL, adding Policy Option Packages (POP’s).

Budget – The target of the revenues and expenses for the agency.

CSL – Current Service Level. Starting point of the budget process based upon the previous biennium budget with various adjustments for inflation and other DAS adjustment percentages, program phase-outs, previous biennium one-time costs.

Expenditure Authority – One who has the permission to authorizes or approves the spending for the agency.

Expenditure Limitation – For Other and Federal Funds – the spending limits set by the legislature identifying the maximum amount the agency may spend, defined in the agency’s budget. These funds must have a revenue source in place. If the agency receives more funds (revenues), the agency may to a legislative session for an increase and approval to spend the additional revenues.

Expenses / Expenditures – The decrease in net current financial resources. These include disbursements through Payroll for salary and benefits and Accounts Payable for service & supplies as well as accruals for the current period.

Federal Funds – Money provided for a specific set of work from a Federal Agency. DOGAMI typically works with BLM, FEMA, NOAA, and USGS. These are the typical federal agencies DOGAMI have submitted proposals and received a grant.

Grant Awards – The total amount of the grant from a funder. The award document contains a number of specific grant details items including start and end dates, brief description, contact, etc. A lot of work is done before a grant is awarded. This frequently includes working directly with a funder and building a proposal for consideration. Some grants are competitive, which the agency is competing with other for an entire grant or a portion of the available money the funder has available to distribute.

Grant Balance – The remaining amount of a grant after work is charged to the grant. Work charged to the grant will be followed with a draw or invoice to be reimburse the agency for the work completed. The agency continues to work until the end of the project and/or there's no remaining grant balance.

GRB – Governor Recommended Budget. Using the ARB plus modifications the Governor's Office recommends.

LAB – Legislative Approved Budget. Final decisions and changes. Base Budget is approved, may be followed with other bills that changes (add/subtracts) from the agency's original bill.

ORBITS – Oregon's Budget Information Tracking System. The system used to store all budget information and prepare budget requests and reports.

ORPICS – Oregon's Position Information Control System. The system to establish and maintain budgeted positions and related expenditures at a detail level. The personal information is summarized and added to ORBITS

Other Funds – Money received by state agencies that does NOT come from the General Fund or from the federal government. These are typically from other state agencies, cities or counties, or private companies where they are paying DOGAMI for services. Any money that's not provided by the Oregon state general fund directly to DOGAMI and not by a federal agency is considered an Other Fund.

Revenues – The recording of inbound cash from external sources. Revenues are collected through Invoicing, Draws, and Transfers. This term 'revenues' is normally used with Other/Federal Funds.

Reversion – The amount of the General Fund that is not spent at the end of the biennium. Reminder – the GF starts with a zero balance and ends with a zero balance.

SABRS – The State Audit and Budget Reporting Section. Supports the DAS Chief Financial Office with budget preparation and execution.

Salary/OPE – Costs of personal and related benefit costs. OPE are Other Personal Expenses, commonly referred as fringe benefits or just benefits.

Service & Supplies – Non-Payroll costs. These include travel, training, professional services, State charges for services, legal, office, and capital asset expenses (over \$5,000 and a useful life greater than 1 year).

ATTACHMENTS:

DOGAMI Financial Report

Department of Geology & Mineral Industries
Budget Status Report: September 2024

% of Time Spent of 2 years 42%

Geological Survey & Services (GS&S) Program

Budget Category / Line Item	2023-25 Budget by Funding Source				2023-25 Actual Revenue & Expenditures				Actual Budget Spent				2023-25 Projected Revenue & Expenditures				2023-25 Actual + Projected Revenue & Expenditures				Actual + Projected Budget Total			
	General	Other	Federal	All	General	Other	Federal	All	GF	OF	FF	All	General	Other	Federal	All	General	Other	Federal	All	GF	OF	FF	All
	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds	Funds *	Funds	Funds	Funds	Funds	Funds	Funds
Revenue																								
Beginning Balance	-	702,426	-	702,426	-	695,831	(107,428)	588,403					-	-	-	-	-	695,831	(107,428)	588,403				
2023-25 Revenue & Transfer	7,784,185	2,016,801	5,522,133	15,323,119	4,120,051	1,905,868	2,518,559	8,544,478					3,393,398	291,704	1,064,678	4,749,780	7,513,449	2,197,572	3,583,237	13,294,258				
Total Available Revenue	7,784,185	2,719,227	5,522,133	16,025,545	4,120,051	2,601,700	2,411,131	9,132,882	53%	96%	44%	57%	3,393,398	291,704	1,064,678	4,749,780	7,513,449	2,893,404	3,475,809	13,882,662	97%	106%	63%	87%
Expenditures:																								
<i>Personnel Services</i>	4,893,958	545,199	1,865,447	7,304,604	2,732,462	380,823	1,312,643	4,425,928	56%	70%	70%	61%	1,923,548	223,636	930,393	3,077,577	4,656,010	604,459	2,243,036	7,503,505	95%	111%	120%	103%
<i>Services & Supplies</i>																								
Instate Travel	74,013	46,167	64,332	184,512	71,439	5,780	16,084	93,302					48,633	4,352	7,683	60,669	120,072	10,132	23,767	153,971	162%	22%	37%	83%
Out of State Travel	18,964	-	-	18,964	14,362	996	3,977	19,335					70,129	-	2,440	72,568	84,491	996	6,417	91,903	446%			485%
Employee Training	40,814	9,747	7,804	58,365	65,932	-	7,438	73,370					25,748	-	2,220	27,968	91,680	-	9,658	101,337	225%	0%	124%	174%
Office Expenses	34,102	-	-	34,102	25,129	-	1,273	26,402					(6,121)	-	-	(6,121)	19,008	-	1,273	20,281	56%			59%
Telecomm	116,107	-	-	116,107	46,038	-	-	46,038					29,619	-	-	29,619	75,657	-	-	75,657	65%			65%
State Gov't Svc Chg	521,138	-	-	521,138	271,194	-	-	271,194					249,781	-	-	249,781	520,974	-	-	520,974	100%			100%
Data Processing	473,789	-	-	473,789	323,076	-	-	323,076					235,063	-	-	235,063	558,139	-	-	558,139	118%			118%
Publicity & Publications	1,266	5,554	66,952	73,772	223	-	964	1,187					1,520	-	2,789	4,309	1,743	-	3,753	5,496	138%	0%	6%	7%
Professional Services	180,028	1,048,074	3,396,483	4,624,585	198,631	1,302,212	984,345	2,485,188					53,852	52,284	5,003	111,139	252,483	1,354,496	989,347	2,596,327	140%	129%	29%	56%
IT Professional Services	10,213	95,866	-	106,079	4,096	-	-	4,096					-	-	-	-	4,096	-	-	4,096	40%	0%		4%
Attorney General	22,642	-	-	22,642	9,273	-	-	9,273					45,000	-	-	45,000	54,273	-	-	54,273	240%			240%
Employee Recruitment	2,650	-	-	2,650	13,663	-	-	13,663					-	-	-	-	13,663	-	-	13,663	516%			516%
Dues & Subscriptions	6,750	-	-	6,750	2,330	-	-	2,330					2,006	-	-	2,006	4,336	-	-	4,336	64%			64%
Lease Payments & Taxes	524,797	-	10,854	535,651	306,762	-	-	306,762					221,925	-	-	221,925	528,687	-	-	528,687	101%		0%	99%
Fuels & Utilities	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Facilities Maintenance	-	-	-	-	2,238	-	-	2,238					2,898	-	-	2,898	5,136	-	-	5,136				
Medical Services	-	-	-	-	193	-	-	193					-	-	-	-	193	-	-	193				
Agency Related S & S	-	-	-	-	5,433	-	38,611	44,044					1,400	-	-	1,400	6,833	-	38,611	45,444	100%			
Intra agency Charges	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	100%			
Other Services & Supplies	487,665	823,892	240,419	1,551,976	199,480	919	-	200,399					195,933	-	-	195,933	395,413	919	-	396,332	81%	0%	0%	26%
Expendable Prop (\$250-\$500)	23,525	11,210	11,144	45,879	7,654	-	-	7,654					-	-	-	-	7,654	-	-	7,654	33%	0%	0%	17%
IT Expendable Property	249,965	-	-	249,965	172,237	-	-	172,237					195,498	-	-	195,498	367,735	-	-	367,735	147%	100%		147%
Technical Equipment	51,799	-	-	51,799	33,859	-	-	33,859					150,000	-	-	150,000	183,859	-	-	183,859	355%			355%
Automotive & Aircraft	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	100%			
Data Processing Software	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Data Processing Hardware	50,000	-	-	50,000	9,122	-	-	9,122					10,000	-	-	10,000	19,122	-	-	19,122	100%			38%
Other Capital Outlay	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Indirect	-	-	-	-	(394,774)	198,648	151,007	(45,118)					(63,033)	9,841	6,634	(46,558)	(457,806)	208,489	157,641	(91,677)				
<i>Total Services & Supplies</i>	2,890,227	2,040,510	3,797,988	8,728,725	1,387,589	1,508,556	1,203,698	4,099,843	48%	74%	32%	47%	1,469,850	66,477	26,769	1,563,096	2,857,439	1,575,033	1,230,467	5,662,938	99%	77%	32%	65%
Total Expenditures	7,784,185	2,585,709	5,663,435	16,033,329	4,120,051	1,889,379	2,516,341	8,525,771	53%	73%	44%	53%	3,393,398	290,113	957,162	4,640,672	7,513,449	2,179,491	3,473,503	13,166,443	97%	84%	61%	82%
GS&S Ending Balance	\$ -	\$ 133,518	\$ (141,302)	\$ (7,784)	\$ -	\$ 712,321	\$ (105,210)	\$ 607,110					\$ -	\$ 1,591	\$ 107,516	\$ 109,108	\$ -	\$ 713,912	\$ 2,306	\$ 716,218				

\$ 270,736
Under-budget

* Includes the Strong Motion Instrument Fund (SMIF)

Department of Geology & Mineral Industries
Budget Status Report: September 2024

% of Time Spent of 2 years 42%

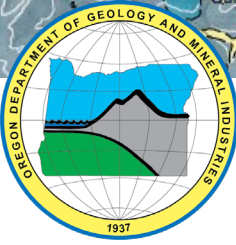
Mineral Land Regulation & Reclamation (MLRR) Program

Budget Category / Line Item	2023-25 Budget by Funding Source	2023-25 Actual Revenue & Expenditures	% Actual Budget Spent to Date	2023-25 Projected Revenue & Expenditures	2023-25 Actual + Projected Revenue & Expenditures	Actual + Projected Budget % Total Spent
	Other Funds	Other Funds	OF	Other Funds	Other Funds	OF
Revenue						
Beginning Balance	1,190,221			1,190,221	1,190,221	
2023-25 Revenue & Transfers	4,285,983	5,015,169		785,161	5,800,330	
Total Available Revenue	5,476,204	5,015,169	92%	1,975,382	6,990,551	127.7%
Expenditures:						
<i>Personnel Services</i>	3,787,107	2,602,580	69%	1,689,783	4,292,363	113.3%
<i>Services & Supplies</i>						
Instate Travel	87,500	21,560		13,802	35,361	40.4%
Out of State Travel	-	-		4,721	4,721	
Employee Training	38,416	10,773		8,198	18,970	49.4%
Office Expenses	37,512	11,133		7,555	18,688	49.8%
Telecomm	52,491	20,986		16,106	37,092	70.7%
State Gov't Svc Chg	-	-		-	-	
Data Processing	88,330	17,479		18,000	35,479	40.2%
Publicity & Publications	4,999	1,049		2,923	3,971	79.4%
Professional Services	611,498	638,175		130,689	768,864	125.7%
IT Professional Services	-	-		-	-	
Attorney General	145,852	204,086		119,368	323,454	221.8%
Employee Recruitment	-	3,676		-	3,676	
Dues & Subscriptions	3,674	1,180		-	1,180	32.1%
Lease Payments & Taxes	89,118	47,433		28,934	76,367	85.7%
Fuels & Utilities	14,128	7,039		7,343	14,382	101.8%
Facilities Maintenance	13,042	18,275		5,325	23,601	181.0%
Medical Services	-	-		-	-	
Agency Related S & S	-	447		-	447	
Intra agency Charges	-	-		-	-	
Other Services & Supplies	128,539	361		24	385	0.3%
Expendable Prop (\$250-\$5000)	20,437	10,197		-	10,197	49.9%
IT Expendable Property	32,783	2,727		286	3,013	9.2%
Technical Equipment	-	-		-	-	
Automotive & Aircraft	-	-		-	-	
Data Processing Software	-	-		-	-	
Data Processing Hardware	-	-		-	-	
Other Capital Outlay	-	-		-	-	
Indirect	-	45,118		46,558	91,677	
<i>Total Services & Supplies</i>	1,368,319	1,061,694	78%	409,833	1,471,527	107.5%
Total Expenditures	5,155,426	3,664,274	71%	2,099,616	5,763,889	111.8%
MLRR Ending Balance	320,778	\$ 1,350,895		\$ (124,233)	\$ 1,226,662	

Department of Geology & Mineral Industries
Budget Status Report: September 2024
Other programs

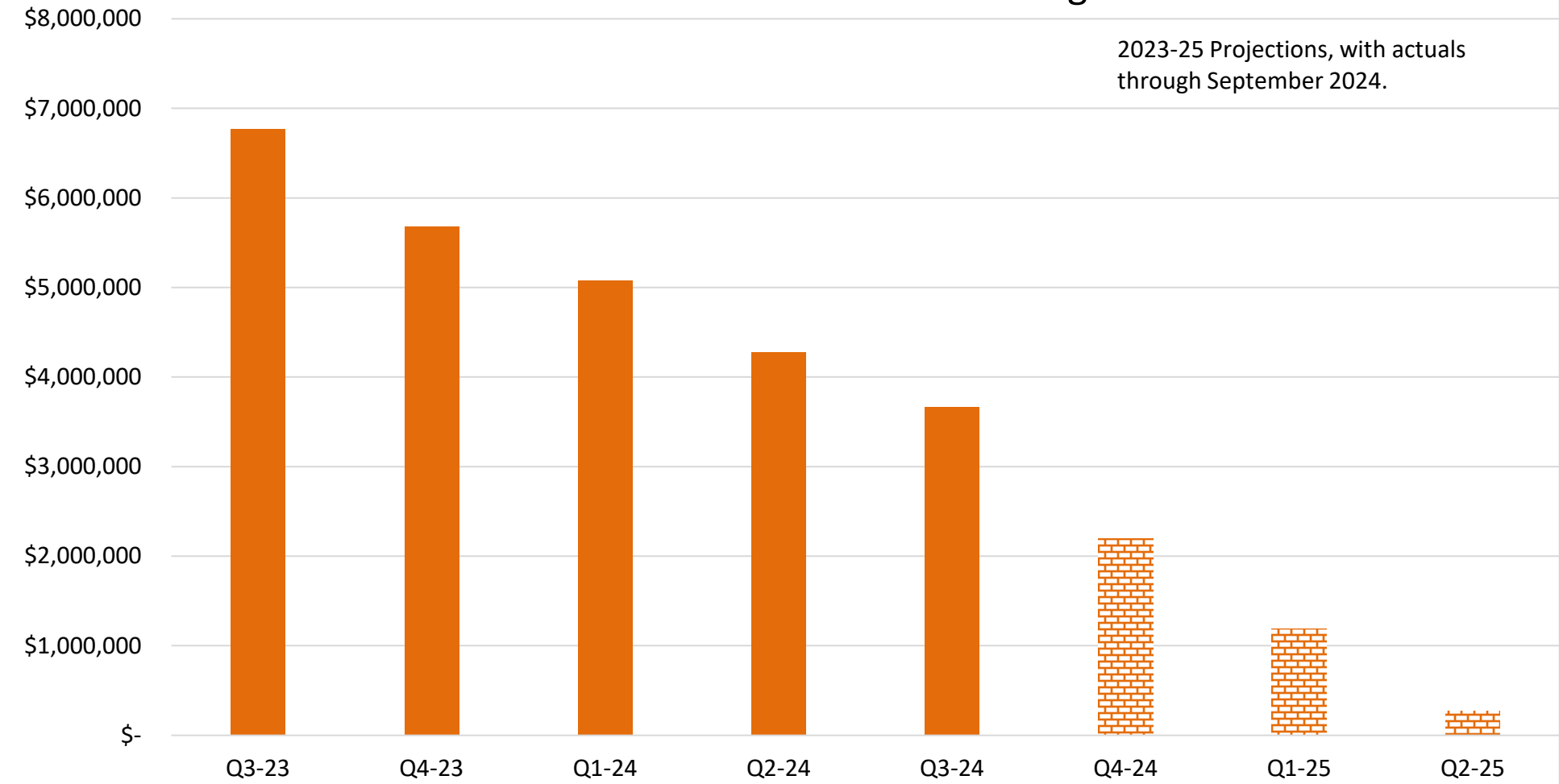
Geological Survey & Services	
Strong Motion Instrument Fund (SMIF)	
	Projected Revenue & Expenditures
Revenue:	
Beginning Balance	220,236
Actual Revenues (Jul 2023 - Sept 2024)	35,600
Projected Revenues	17,800
Total Available Revenue	273,636
Expenditures:	
<i>Actual Personnel Services</i>	-
<i>Services & Supplies:</i>	
Projected Professional Services	-
Total Expenditures	-
SMIF Ending Balance	\$ 273,636

Mineral Land Regulation & Reclamation	
Reclamation Guarantee Fund	
	Beginning 2023-25
58 Cash Security's	\$ 898,288
6 New Securities	\$ 173,720
3 Security releases	\$ (42,548)
61 Cash Security's	\$ 1,029,460

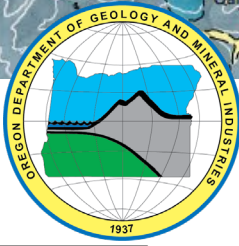


2023-25 General Fund - Utilized Budget

2023-25 Projections, with actuals through September 2024.

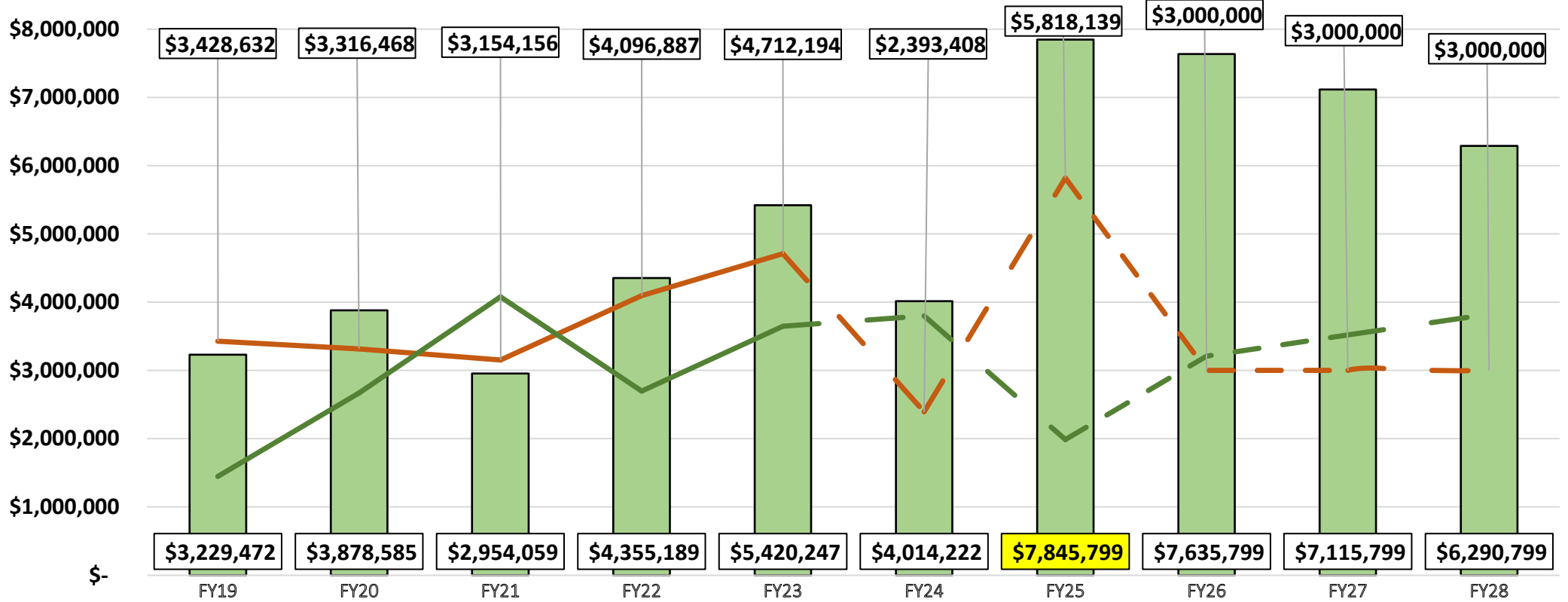


Calendar Qtrs



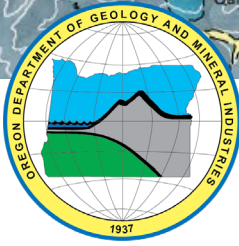
Projection updated as of September 2024

2019-2028 GS&S Grants - Revenue, Awards, Balance - Actual + Forecast

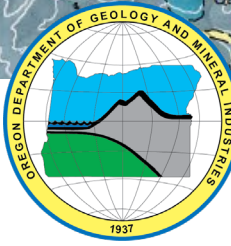


TOTAL ENDING BALANCE	\$3,229,472	\$3,878,585	\$2,954,059	\$4,355,189	\$5,420,247	\$4,014,222	\$7,845,799	\$7,635,799	\$7,115,799	\$6,290,799
TOTAL AWARDS	\$3,428,632	\$3,316,468	\$3,154,156	\$4,096,887	\$4,712,194	\$2,393,408	\$5,818,139	\$3,000,000	\$3,000,000	\$3,000,000
TOTAL REVENUE DRAWS	\$1,446,168	\$2,667,356	\$4,078,681	\$2,695,758	\$3,647,135	\$3,799,434	\$1,986,562	\$3,210,000	\$3,520,000	\$3,825,000

TOTAL ENDING BALANCE TOTAL AWARDS TOTAL REVENUE DRAWS

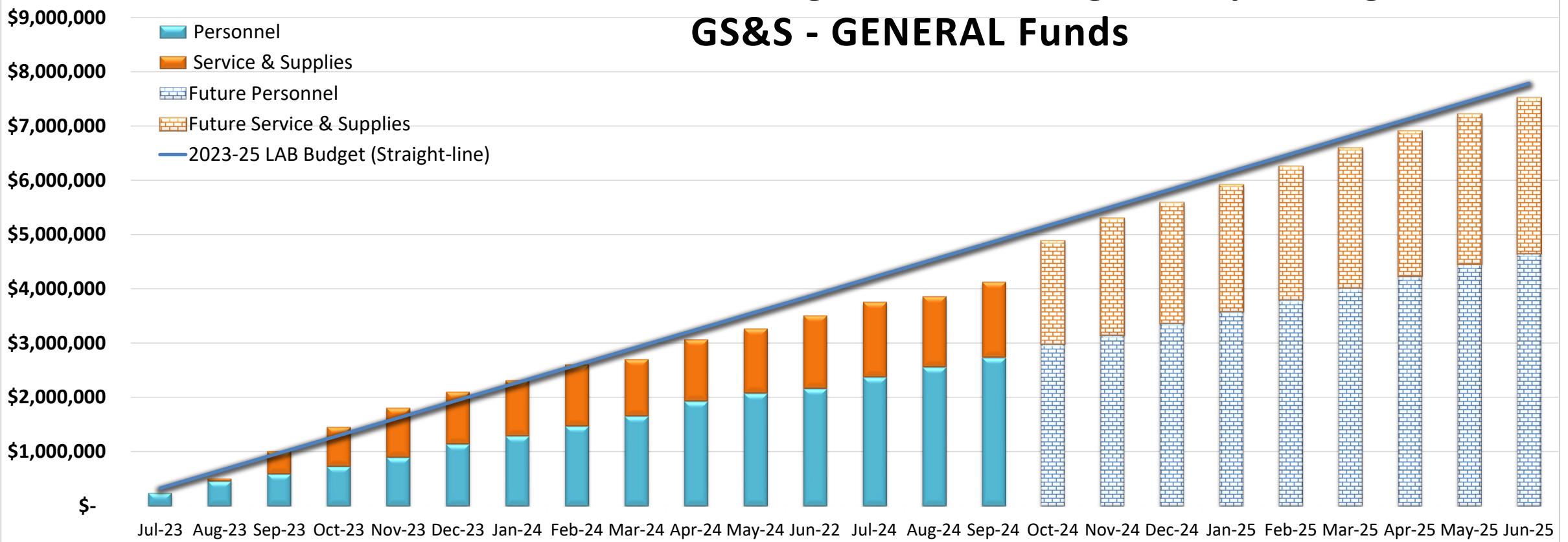


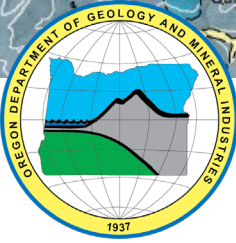
GS&S GENERAL FUND - Appn 89707	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection Under/(Over)	Sept Board Meeting	Change
		Actuals to Date	% Spent				
Appropriation: \$7,784,185							
Salpot adjustment \$400,584							
Revenue:							
GF Appropriation	\$ 7,784,185	\$ 7,784,185	N/A				
Expenditures:							
Personal Services	\$ 4,893,958	\$ 2,732,462	56%	\$ 4,656,010	\$ 237,948	\$ 4,696,597	\$ (40,587)
Services and Supplies	\$ 2,788,428	\$ 1,344,607	48%	\$ 2,654,457	\$ 133,971	\$ 2,664,691	\$ (10,234)
Capital Outlay	\$ 101,799	\$ 42,982	42%	\$ 202,982	\$ (101,183)	\$ 127,982	\$ 75,000
Total Expenditures	\$ 7,784,185	\$ 4,120,051	53%	\$ 7,513,449	\$ 270,736	\$ 7,489,270	\$ 24,179
				Net Position	\$ 270,736	\$ 294,915	\$ (24,179)
				(Left in Limitation)	Within Budget		
Expenditures under budget % >>					3.5%		



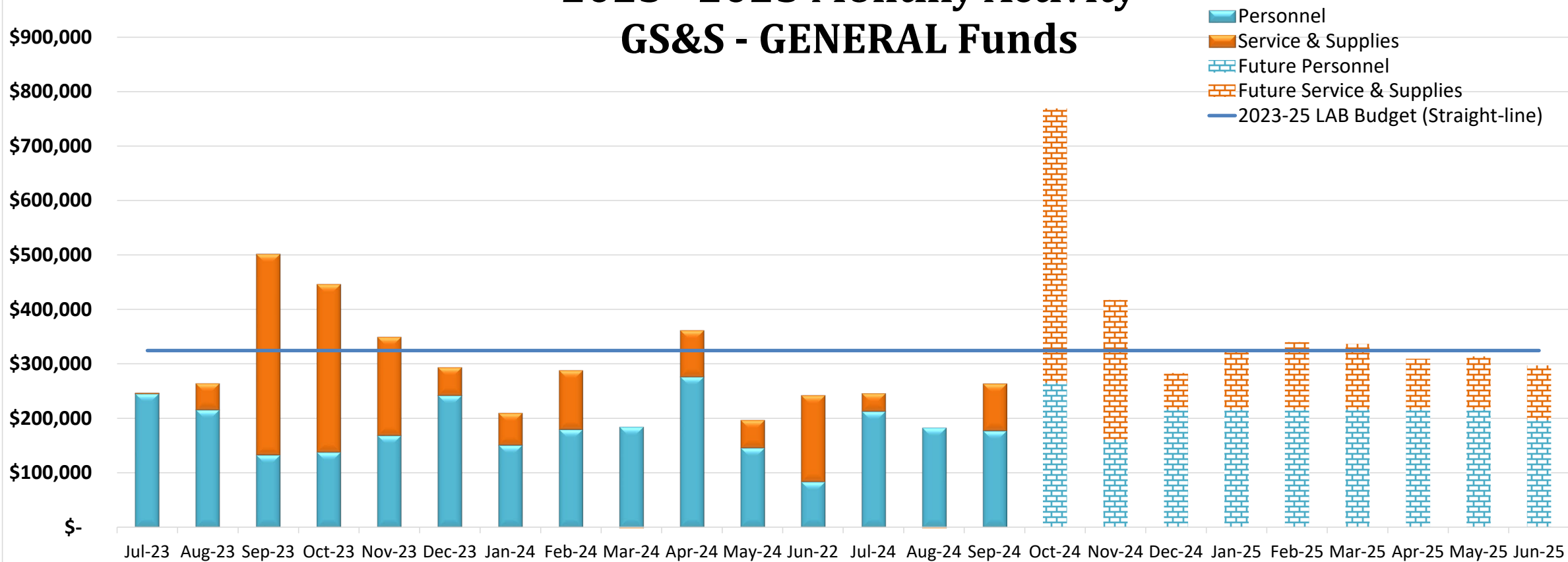
2023 - 2025 Running Balance: Budget to Spending

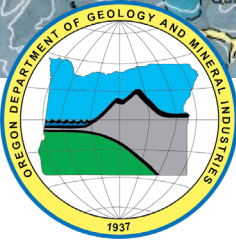
GS&S - GENERAL Funds



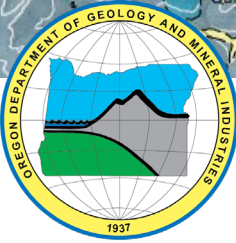


2023 - 2025 Monthly Activity GS&S - GENERAL Funds

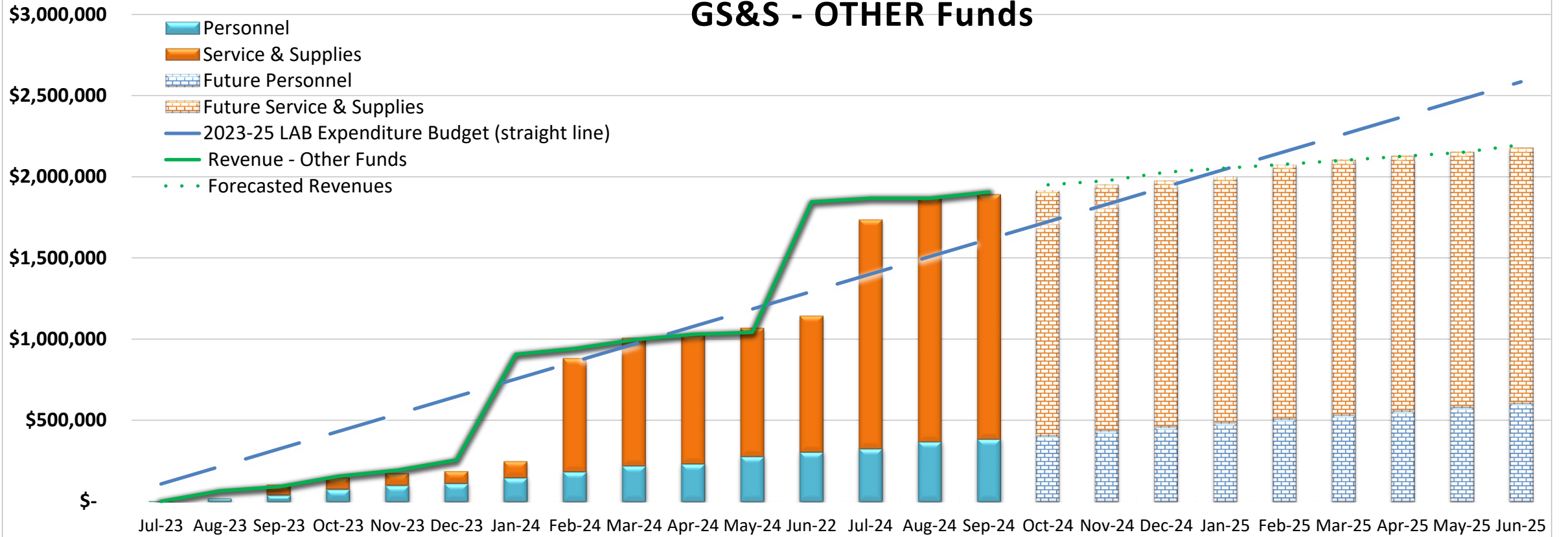


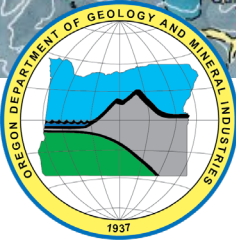


GS&S OTHER FUND - Appn 30208	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection Under/(Over)	Sept Board Meeting	Change
		Actuals to Date	% Spent				
Appropriation: \$2,585,709							
Sal Pot Adjustment \$46,468							
Beginning Balance:		September 2024					
Beginning Balance	\$ 702,426	\$ 695,831	N/A	\$ 695,831	\$ 6,595		
Revenue:							
Revenue	\$ 2,016,801	\$ 1,905,868	N/A	\$ 2,197,572	\$ 180,771	\$ 2,147,267	\$ 50,305
Expenditures:							
Personal Services	\$ 545,199	\$ 380,823	70%	\$ 604,459	\$ (59,260)	\$ 567,917	\$ 36,542
Services and Supplies	\$ 2,040,510	\$ 1,508,556	74%	\$ 1,575,033	\$ 465,477	\$ 1,643,522	\$ (68,489)
Capital Outlay	\$ -	\$ -	0%	\$ -	\$ -	\$ -	\$ -
Total Expenditures	\$ 2,585,709	\$ 1,889,379	73%	\$ 2,179,491	\$ 406,218	\$ 2,211,439	\$ (31,948)
				Net Position	\$ 713,912	\$ 631,659	\$ 82,253
				(Projected Ending Cash)	Within Budget		
				Expenditures under budget % >>	15.7%		

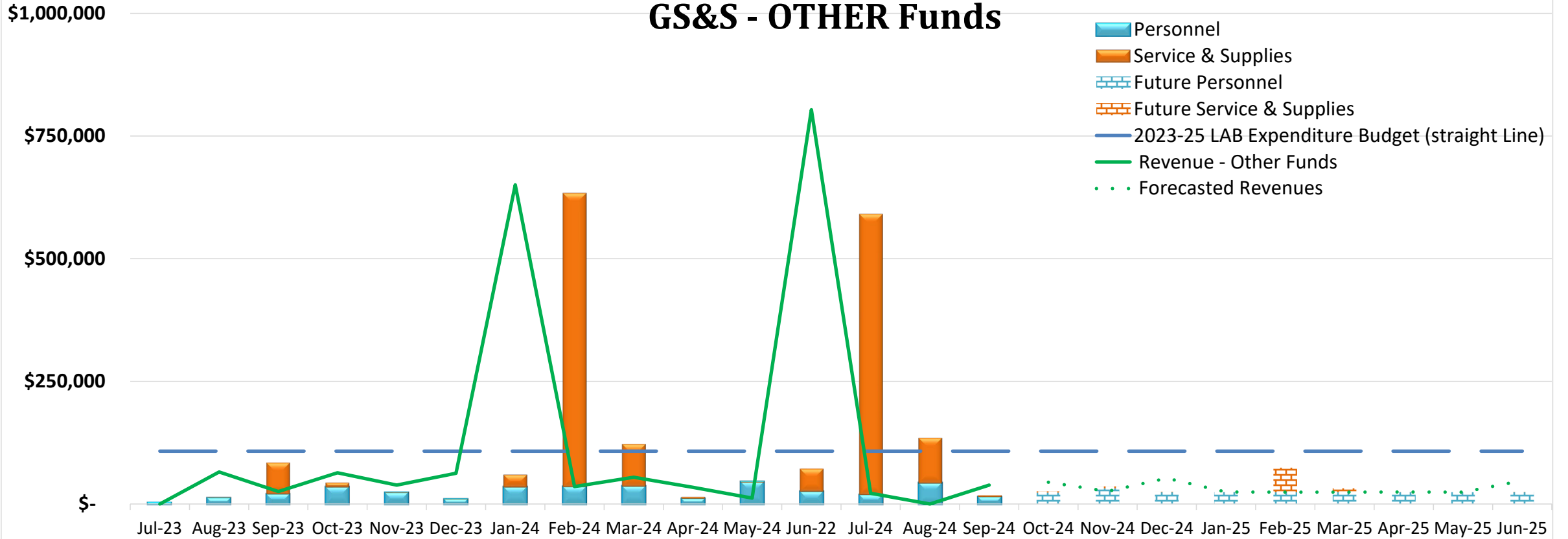


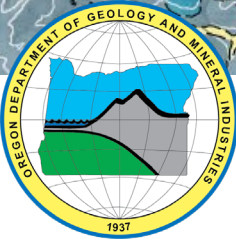
2023 - 2025 Running Balance: Budget to Spending GS&S - OTHER Funds



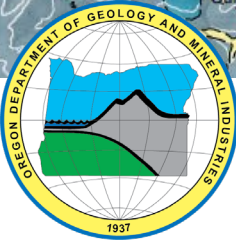


2023 - 2025 Monthly Activity GS&S - OTHER Funds

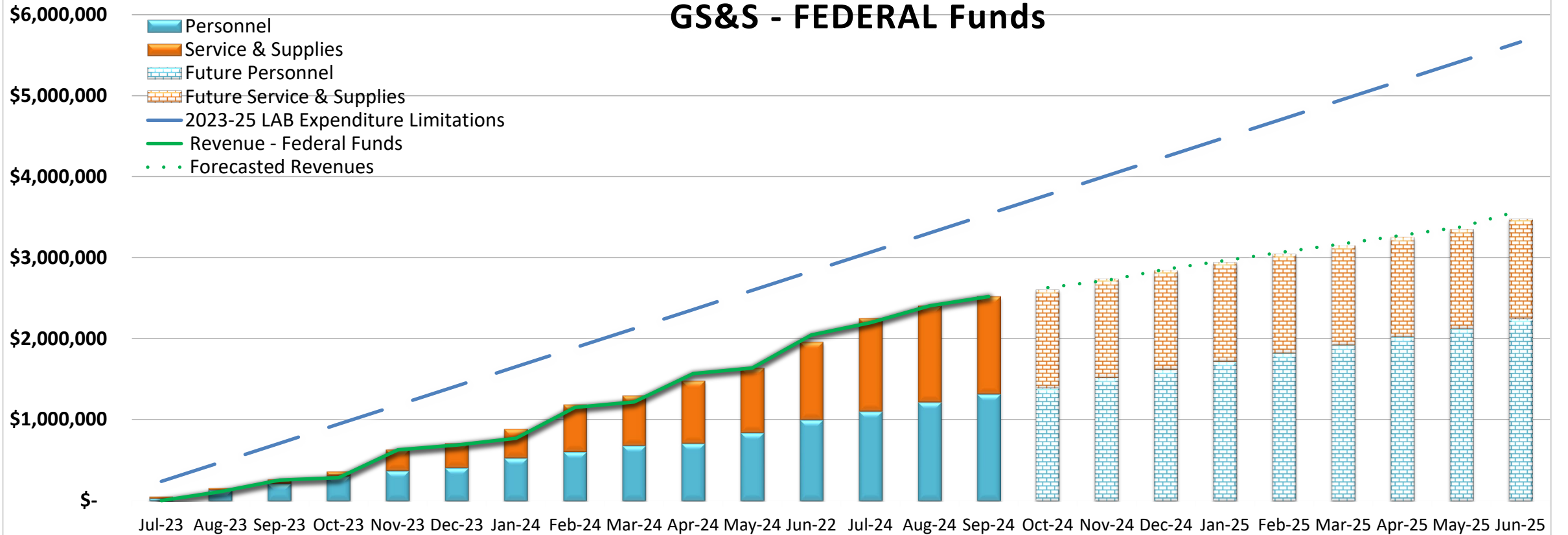


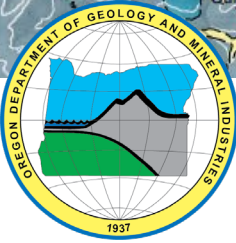


GS&S FEDERAL FUND - Appn 60207	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection Under/(Over)	Sept Board Meeting	Change
		Actuals to Date	% Spent				
Appropriation: \$5,663,435							
SalPot Adjustment \$141,302							
Beginning Balance:		September 2024					
	Beginning Balance	\$ -	\$ (107,428)	N/A	\$ (107,428)	\$ 107,428	
Revenue:							
	Revenue:	\$ 5,522,133	\$ 2,518,559	N/A	\$ 3,583,237	\$ (1,938,896)	\$ 3,584,690 \$ (1,453)
Expenditures:							
	Personal Services	\$ 1,865,447	\$ 1,312,643	70%	\$ 2,243,036	\$ (377,589)	\$ 2,241,599 \$ 1,437
	Services and Supplies	\$ 3,797,988	\$ 1,203,698	32%	\$ 1,230,467	\$ 2,567,521	\$ 1,235,308 \$ (4,841)
	Capital Outlay	\$ -	\$ -	0%	\$ -	\$ -	\$ - \$ -
	Total Expenditures	\$ 5,663,435	\$ 2,516,341	44%	\$ 3,473,503	\$ 2,189,932	\$ 3,476,907 \$ (3,404)
				Net Position	\$ 2,306	\$ 355	\$ 1,951
				(Projected Ending Cash)	Within Budget		
				Expenditures under budget % >>	38.7%		

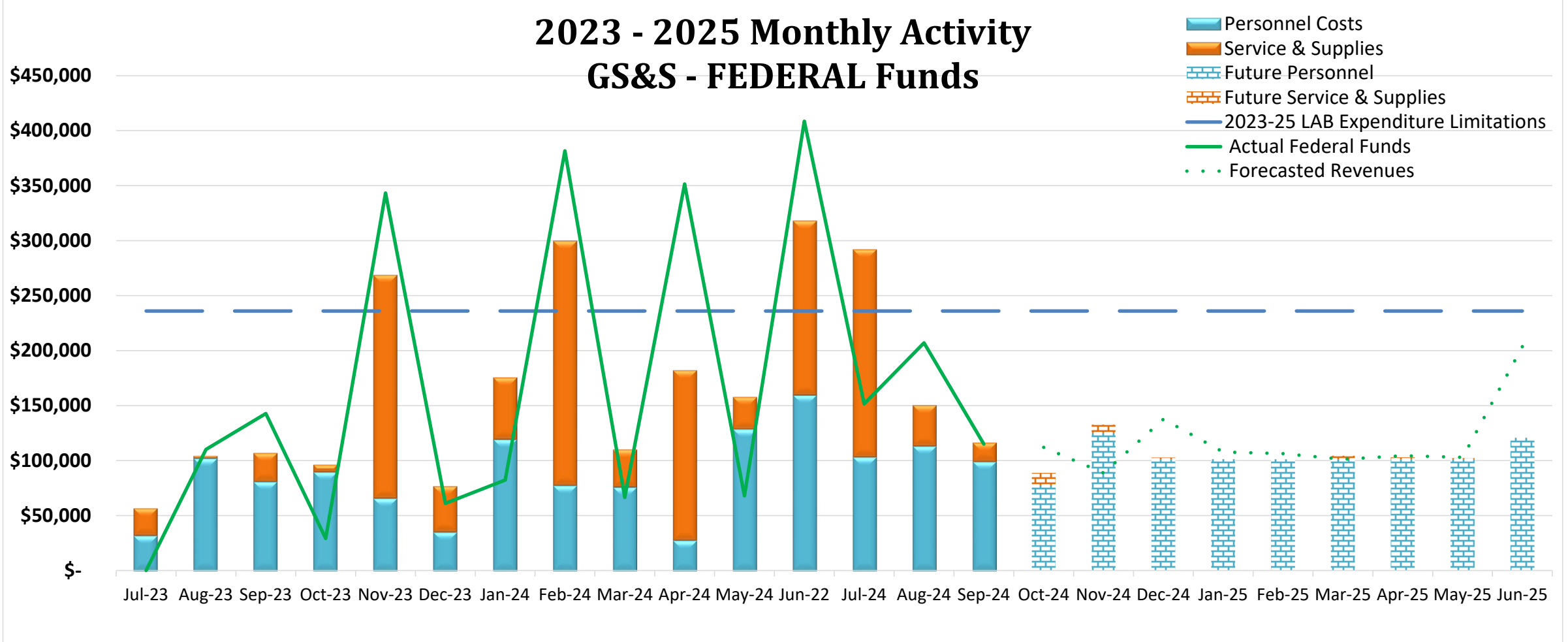


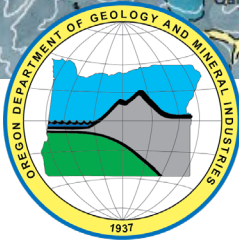
2023 - 2025 Running Balance: Budget to Spending GS&S - FEDERAL Funds





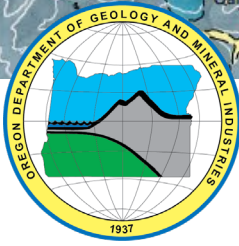
2023 - 2025 Monthly Activity GS&S - FEDERAL Funds





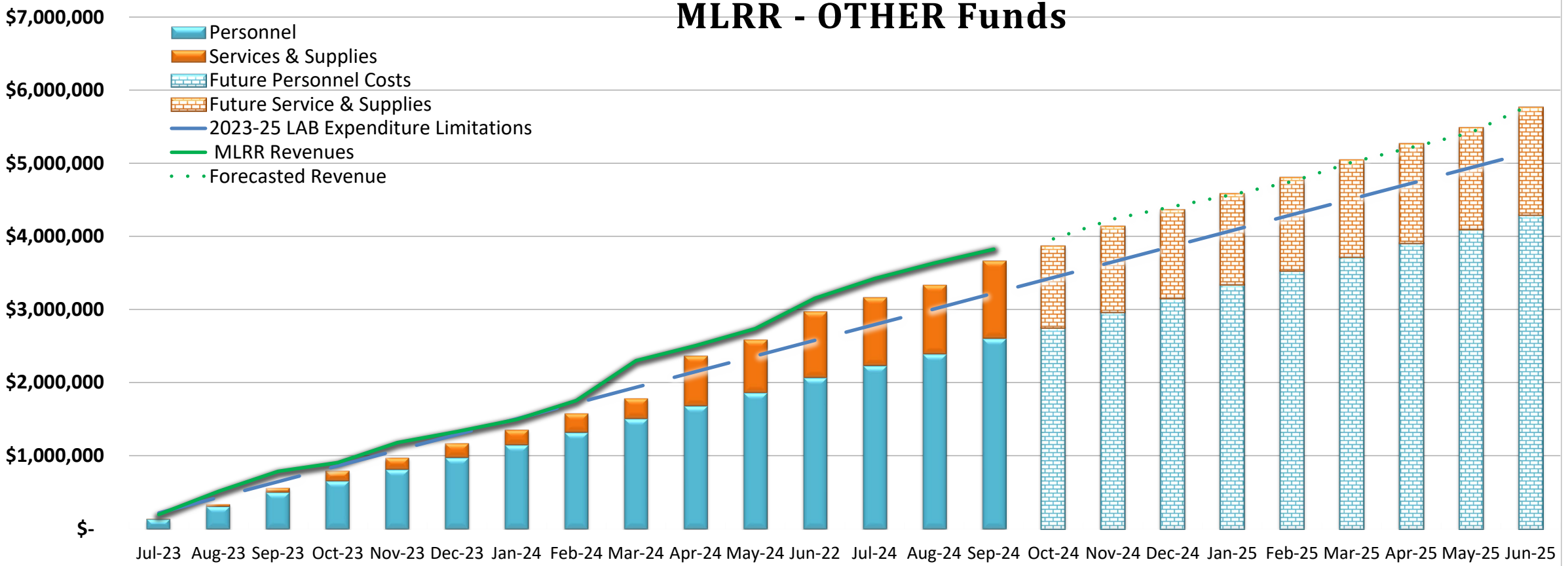
MLRR - OTHER FUND - Appn 30210	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection Under/(Over)	Sept Board Meeting	Change
		Actuals to Date	% Spent				
Appropriation: \$5,155,426							
SalPot Adjustment \$310,752							
Beginning Balance:							
	Beginning Balance	\$ 346,829	\$ 1,190,221	N/A	\$ 1,190,221		
Revenue:							
	Revenue:	\$ 5,129,375	\$ 3,824,948	N/A	\$ 5,800,330	\$ 670,955	\$ 5,801,701 \$ (1,371)
Expenditures:							
	Personal Services	\$ 3,787,107	\$ 2,602,580	69%	\$ 4,292,363	\$ (505,256)	\$ 4,349,339 \$ (56,976)
	Services and Supplies	\$ 1,368,319	\$ 1,061,694	78%	\$ 1,471,527	\$ (103,208)	\$ 1,355,949 \$ 115,578
	Capital Outlay	\$ -	\$ -	0%	\$ -	\$ -	\$ - \$ -
	Total Expenditures	\$ 5,155,426	\$ 3,664,274	71%	\$ 5,763,889	\$ (608,463)	\$ 5,705,288 \$ 58,601
				Net Position	\$ 1,226,662	\$ 1,286,634	\$ (59,972)
Future - Anticipate to request an increase in expenditure limitation				(Projected Ending Cash)	Over Budget		

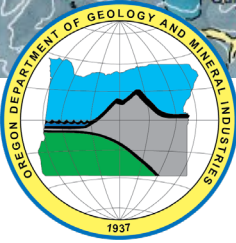
Expenditures under budget % >> -11.8%
 6-Month Operating Reserve % >> 94.4%



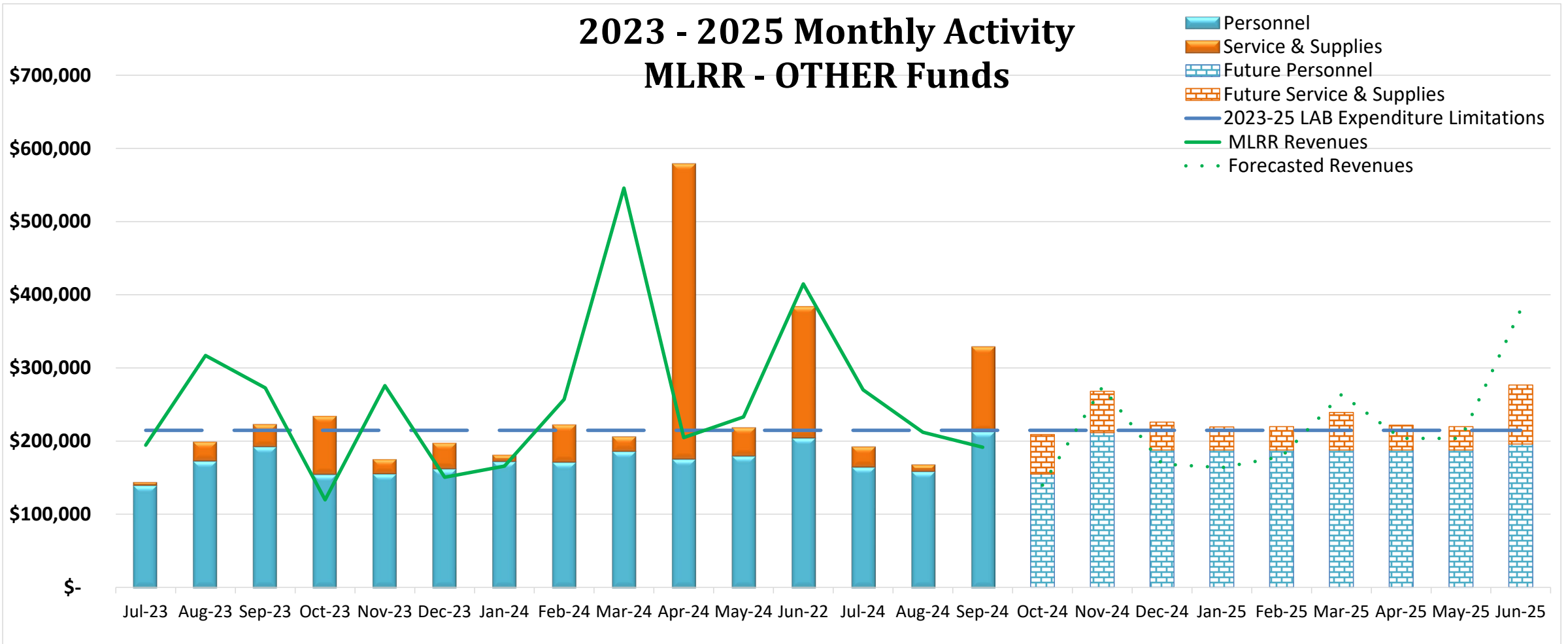
2023 - 2025 Running Balance: Budget to Spending

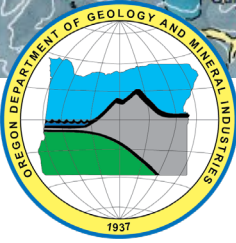
MLRR - OTHER Funds





2023 - 2025 Monthly Activity MLRR - OTHER Funds





MLRR - GENERAL FUND - Appn 80210	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection Under/(Over)	Sept Board Meeting	Change
		Actuals to Date	% Spent				
Appropriation: \$2,060,023							
SalPot Adjustment \$60,023							
Revenue:							
	GF Appropriation: \$	2,060,023	\$ 2,060,023	N/A			
Expenditures:							
	Personal Services \$	660,442	\$ 3,829	1%	\$ 101,594	\$ 558,848	\$ 83,172 \$ 18,422
	Services and Supplies \$	1,399,581	\$ -	0%	\$ 586,906	\$ 812,675	\$ 629,896 \$ (42,990)
	Capital Outlay \$	-	\$ -	0%	\$ -	\$ -	\$ - \$ -
	Total Expenditures \$	2,060,023	\$ 3,829	0%	\$ 688,501	\$ 1,371,522	\$ 713,068 \$ (24,567)
				Net Position	\$ 1,371,522	\$ 1,346,955	\$ 24,567
ePermitting Project				(Projected Ending Cash)	Within Budget		
				Expenditures under budget % >>	66.6%		

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Steve Dahlberg, Chief Financial Officer

Date: November 19, 2024

Regarding: Agenda Item 6 – Governor’s Budget (GB)

Steve Dahlberg, Chief Financial Officer, and Ruarri Day-Stirrat, Director, will review the Governor’s Budget (GB) for DOGAMI.

Proposed Board Action: The Board will not be asked to take an action on this item.

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Alex Lopez, Public Affairs Coordinator

Date: November 19, 2024

Regarding: Agenda Item 7 – Presentation: GSA Video

Alex Lopez, Public Affairs Coordinator, will present the new DOGAMI promotional video, produced for GSA, to the Board.

Proposed Board Action: The Board will not be asked to take an action on this item.

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Ruarri Day-Stirrat, Director & State Geologist

Date: November 19, 2024

Regarding: Agenda Item 8 – Presentation: Geologic Carbon Sequestration Discussion

Ruarri Day-Stirrat, Director & State Geologist, will present on the Geologic Carbon Sequestration Discussion.

Proposed Board Action: The Board will not be asked to take an action on this item.

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Ruarri Day-Stirrat, Director & State Geologist

Date: November 19, 2024

Regarding: Agenda Item 9 - GNRO Report

Geoff Huntington, Senior Natural Resources Advisor, will provide an update and take questions from the Board.

Proposed Board Action: The Board will not be asked to take an action on this item.

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Sarah Lewis, MLRR Program Manager

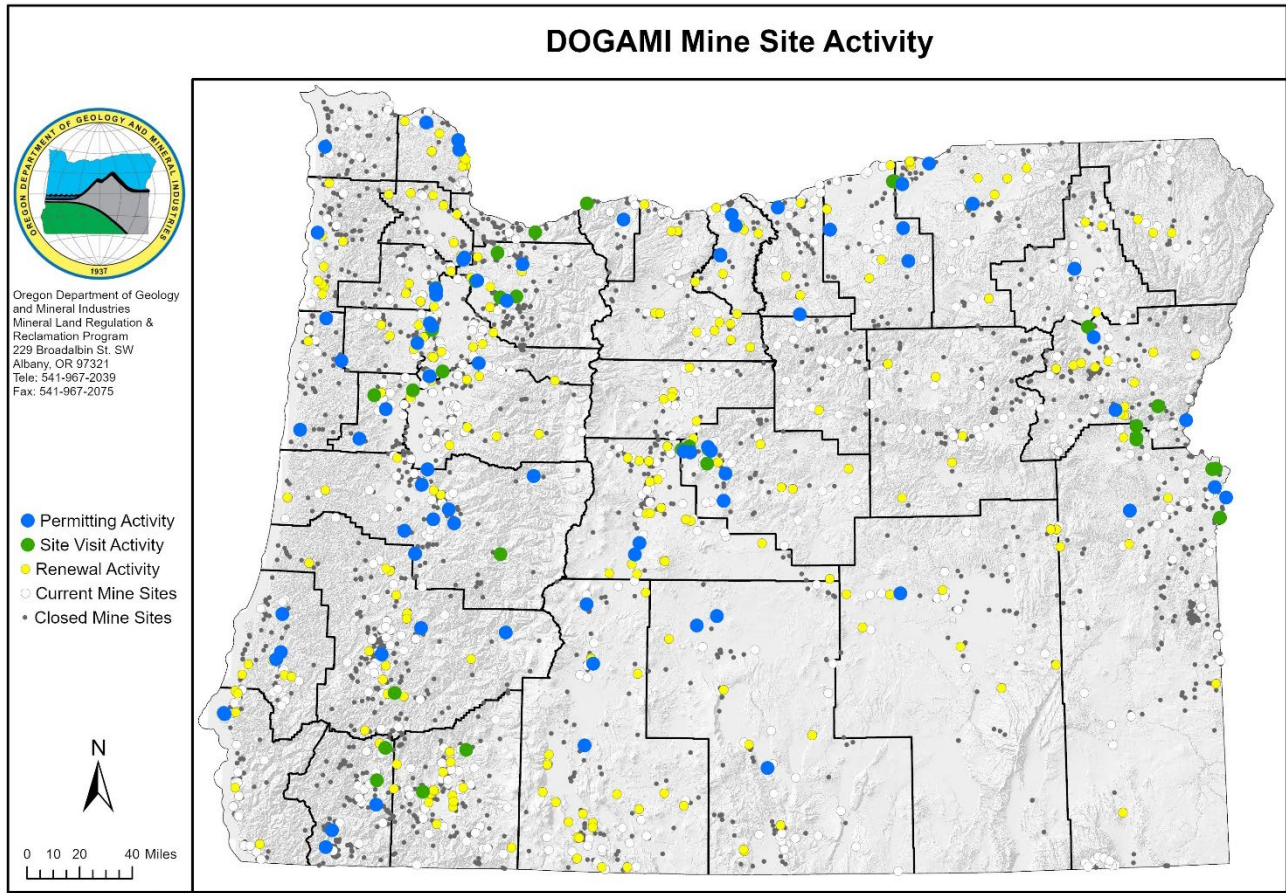
Date: November 19, 2024

Regarding: Agenda Item 10 - MLRR Update

Sarah Lewis, MLRR Program Manager, will provide an update on MLRR and report on the following topics:

- 1) Permit Status Summary
- 2) Grassy Mountain Project

Proposed Board Action: The Board will not be asked to take action on this item.

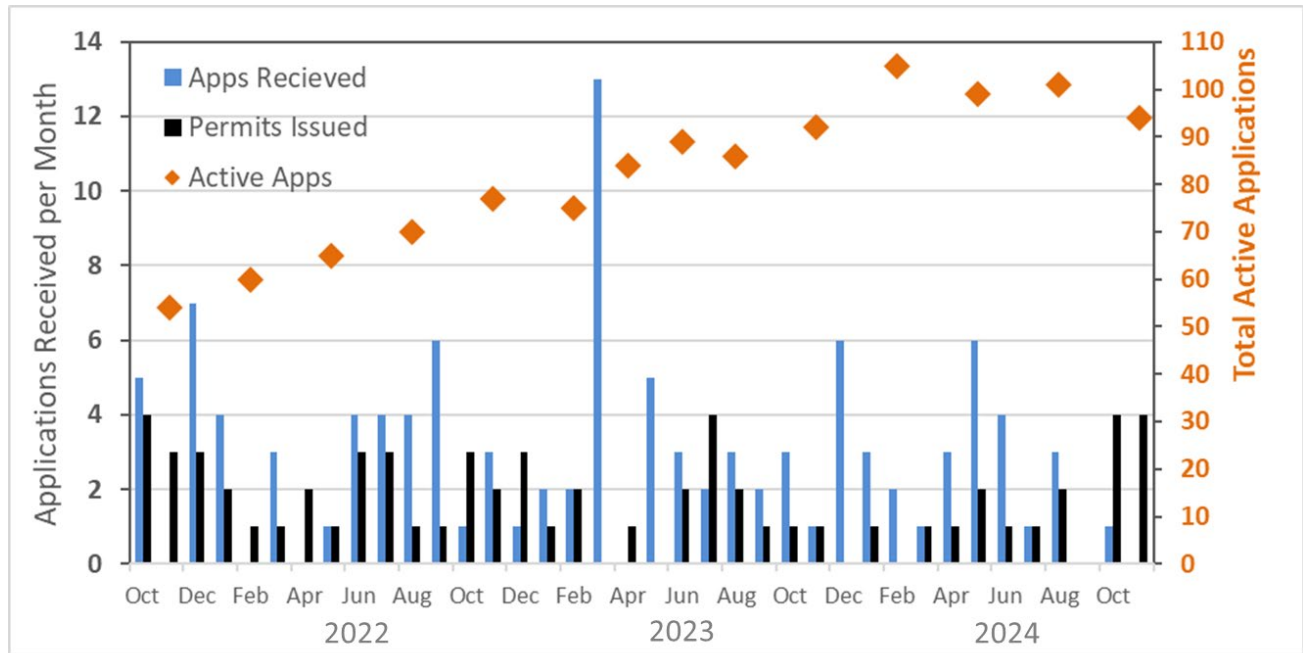


Map shows aggregate/non-aggregate active permitting applications, site visits in the last 6 months, and renewals due in last 3 months.

Table 1: Permit Status Summary (as of 11/15/24)

	Feb 2024		Jun 2024		Aug 2024		Nov 2024	
	Permits	Apps	Permits	Apps	Permits	Apps	Permits	Apps
Surface Mining								
Operating Permits	878	87	883	82	888	84	890	82
Exclusion Certificates	144	2	145	2	142	2	144	1
Sites Closed	1	0	2	6	0	7	0	8
Water Quality (DEQ)								
1200A Permits	156	11	156	11	156	11	154	9
WPCF 1000 Permits	51	3	52	2	53	3	50	3
Exploration	28	18	28	17	28	17	28	12
Oil & Gas Wells	81	2	81	2	75	1	75	1
Geothermal								
Well Permits	21	0	21	0	21	0	21	1
Prospect Wells	4	0	4	0	4	0	4	0

Figure 2: Operating and Exploration Permit Application Workload (as of 11/15/24)



The average processing time for an application completed during the last year was 12 months.

Table 2a: Permit Applications received since last update:

Site ID#	Application Type	Permit Type*	Date Received
19-0125	New	OP	8/26/2024
08-0013	New	EC	9/16/2024
07-0014	Transfer	OP-LE	10/31/2024

Key to Permit Type

- OP = Operating Permit
- XP = Exploration Permit
- LE = Limited Exemption
- EC = Exclusion Certificate

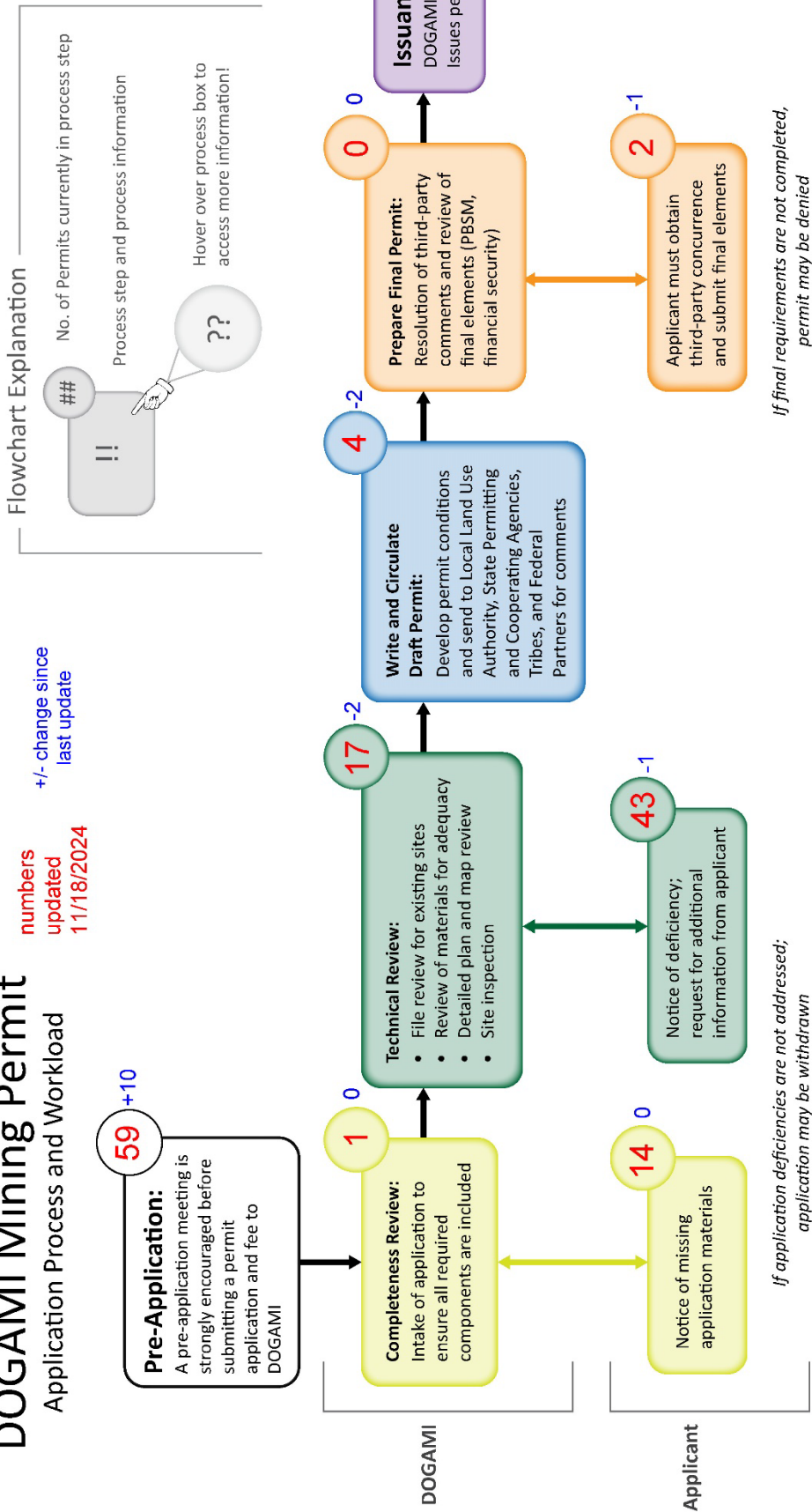
Table 2b: Permit Decisions issued since last update:

Site ID#	Application Type	Permit Type*	Date Received	Date Issued
24-0041	Transfer	LE	1/4/2024	8/27/2024
01-0223	New	XP	5/30/2023	8/28/2024
15-0269	New	EC	8/15/2024	9/13/2024
06-0094	New	OP	9/14/2023	10/2/2024
10-0226	Amendment	XP	7/30/2024	10/4/2024
01-0225	New	EC	7/17/2024	10/9/2024
23-0284	Amendment	XP	10/20/2023	10/23/2024
23-0289	Amendment	XP	10/20/2023	10/23/2024
23-0290	Amendment	XP	10/20/2023	10/23/2024
23-0249	Transfer	OP	7/17/2023	11/14/2024
02-0028	Transfer	OP-LE	6/6/2023	11/15/2024
02-0028	Amendment	OP-LE	6/6/2023	11/15/2024
09-0128	Amendment	OP	5/31/2022	11/15/2024

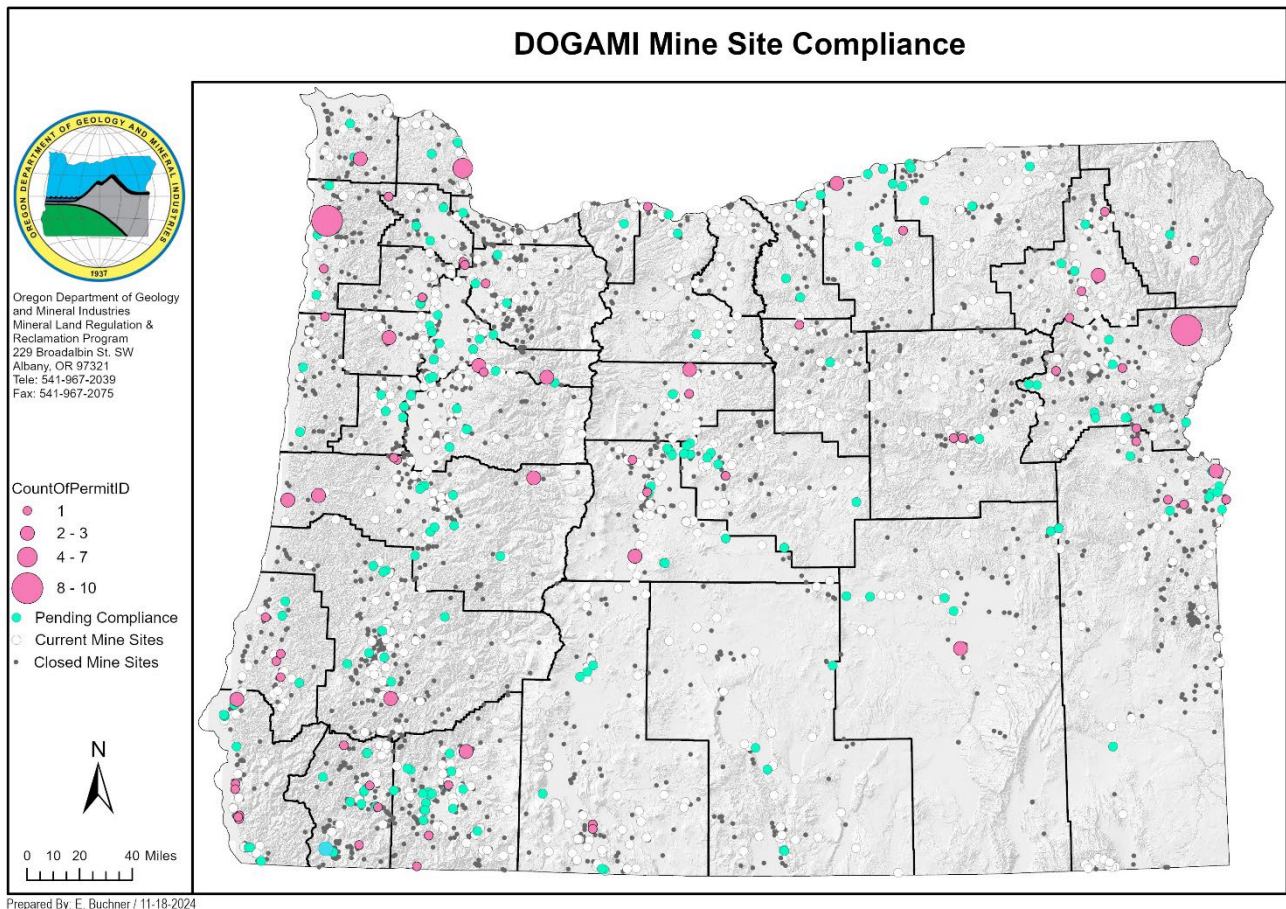
DOGAMI Mining Permit Application Process and Workload

numbers updated 11/18/2024

+/- change since last update



Compliance Activity at DOGAMI Mine Sites



Location of potential (green dots) and active (pink dots) compliance actions from Table 3. Size of circle indicates number of violations per site.

Table 3a: Compliance Summary – Active Violations by Type (as of 11/15/2024)

	2022	2023				2024			
	Dec	Mar	Jun	Sep	Nov	Feb	Jun	Sep	Nov
Non-Payment of Fees	27	34	34	45	29	26	29	35	35
Exploring Without a Permit	0	0	1	1	0	0	0	0	0
Mining Without a Permit	13	13	14	14	14	14	13	13	13
Mining Outside Permit Boundary	19	19	22	22	20	20	19	20	20
Lack of Approval	4	4	4	4	4	4	4	4	4
Failure to Comply with Order	9	9	9	13	16	16	14	12	12
Permit Boundary Survey Map	5	5	5	5	5	5	0	0	0
Boundary Marking Violation	4	4	4	4	4	4	4	4	4
Permit Condition Violation	9	9	13	13	7	7	5	5	5
Reclamation Security	7	7	7	7	5	5	2	2	2
Failure to Reclaim Timely	1	1	1	1	1	1	1	1	1
Total	98	105	114	129	105	102	91	96	96

Table 3b: Compliance Summary – Active Department Orders by Type (as of 11/15/2024)

Total Active Department Orders		
Order Types	Administrative Orders (change since last report)	Environmental/ Permit Orders (change since last report)
Notice of Violation	29 (-1)	16 (-10)
Suspension Order*	2	13
NCP Referral	3	0
Notice of Civil Penalty	11 (-2)	2
Final Order	1	0
Consent Order	0	0 (-1)
Demand Warning	0	0
Notice of Intent	1 (-1)	0 (-1)
Demand to Recover	0	0
Notice of Action	1	9

Table 3c: Compliance Summary – Active Suspension Orders (11/15/2024 - no change)

Total Active Suspension Orders		
Site Suspended	Date Suspended	Reason for Suspension
23-0234	08-Apr-12	Legacy issue needs resolution. Issued in 2012 for non-payment.
17-0020	15-Sep-08	Legacy issue needs resolution. Issued in 2008, bond increase required 2007, bond cancellation received 2011.
01-0029	25-Apr-22	Permitted, were operating, Mining in advance of permit approvals.
*06-NP0002	21-Mar-21	No permit, were operating. SO will remain indefinitely, no mining allowed without a permit.
10-0183	9-Aug-19	No Permit - Floodplain site exceeded 5 acres, in permitting since ~2012
*10-0223	28-Jul-17	No Permit - First Civil Penalty for MWOP resulting in Consent Order
15-0116	10-Mar-22	No Permit, were operating
17-0157	14-Apr-22	No Permit, were operating
20-0011	14-Apr-22	Permitted, were operating, were discharging significant quantities of turbid stormwater to the Siuslaw River
20-0158	8-Jul-19	Permitted, excavation outside excavation area. Operating in a limited area.
23-NP0001	8-Mar-23	No Permit, exceeded thresholds. In negotiation for restoration.
24-0091	22-Apr-22	Permitted, were operating, are now operating in a limited area, potential impacts to Category 1 Habitat
27-0001	4-Feb-21	No Permit
*29-0040	11-Mar-21	Permitted, trespassed onto ODF land, action ongoing since ~2017
34-0011	4-Dec-19	Permitted, no land use acknowledged at transfer, County reported operations to DOGAMI

Non-Payment of Renewal Fee – Civil Penalty Fact Pattern Matrix (*as of 11/18/2024)

#	Site ID	Timeline			Days in violation (total)	Late Pay History		Mitigating Factors, Other Considerations (status)	Penalty Amount			*State Geologist Approved
		Renewal Fee Due	Renewal Fee Paid	Civil Pen. Paid		Freq. of occurrence	Length of delay		Max (\$1,000 days)	Standard	Staff Recc.	
No New Civil Penalties												
59	23-0267	5/31/24	9/30/24	9/30/24	62 (122)	1/3 yr 3/14 yr	~5 mos.	Issued \$500 penalty in 2022	\$62,000	\$750	\$750	\$750
58	20-0018	5/31/24	8/31/24	-	32 (92)	1/3 yr 16/32 yr	3-6 mos.		\$32,000	\$250	\$250	\$250
57	09-0118	5/31/24	-	-	111 (171)	2/3 yr 15/32 yr	3-6 mos.	Issued \$500 penalty in 2020	\$111,000	\$750	\$750	\$750
56	08-0106	5/31/24	8/19/24	-	20 (80)	2/3 yr 2/5 yr	3-4 mos.	Exclusion Certificate	\$20,000	\$100	\$100	\$100
55	17-0056	4/30/24	-	-	142 (202)	2/3 yr 8/11 yr	2-5 mos.	Issued \$750 penalty in 2022	\$142,000	\$1,000	\$1,000	\$1,000
54	25-0006	2/28/24	7/22/24	8/16/24	85 (145)	1/3 yr 14/31 yr	2-3 mos.		\$85,000	\$250	\$250	\$250
53	05-0055	10/31/23	1/29/24	-	31 (91)	1/3 yr	3 mos.		\$31,000	\$250	\$250	\$250
52	20-0129	10/31/23	-	-	324 (384)	2/3 yr 5/22 yr	1-4 mos.	Issued \$250 penalty in 2022	\$324,000	\$500	\$500	\$500
51	13-0083	8/31/23	-	-	385 (445)	1/3 yr	TBD		\$385,000	\$250	\$250	\$250
50	30-0023	6/30/23	9/28/23	3/7/24	30 (90)	2/3 yr 4/20 yr	~3 mos.	Issued \$250 penalty in 2020	\$30,000	\$500	\$500	\$500
49	15-0098	4/30/23	9/22/23	-	85 (145)	1/3 yr 3/14 yr	~1-2 mos.		\$85,000	\$250	\$250	\$250
48	03-0115	2/28/23	5/15/23	N/A	16 (76)	1/3 yr 3/31 yr	~1-2 mos.	Department error, staff requests reversal	\$16,000	\$250	Waive	Waive
47	17-0160	12/31/22	5/4/23	N/A	64 (124)	None	None	Department error, staff requests reversal	\$64,000	\$250	Waive	Waive
46	20-0068	12/31/22	-	-	628 (688)	None	None		\$628,000	\$250	\$250	\$250
45	32-0040	11/30/22	2/28/23	10/7/23	31 (91)	None	None		\$31,000	\$250	\$250	\$250
44	20-0129	10/31/22	4/19/23	-	110 (170)	2/3 yr 4/22 yr	~1-2 mos.		\$110,000	\$250	\$250	\$250
43	02-0005	9/30/22	4/10/23	11/8/24	132 (192)	None	None		\$132,000	\$250	\$250	\$250

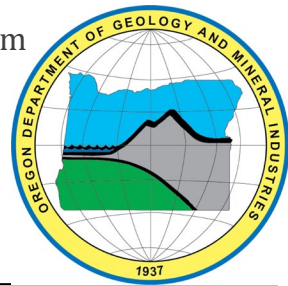
*Board Delegated Approval Authority to State Geologist on 6/25/2021.

the newsletter of the **Mineral Land Regulation and Reclamation** program

ENGAGe

Fall 2024/ Winter 2025

Exploration, Non-aggregate, Gas/oil, Aggregate, Geothermal



DOGAMI AGENCY BUDGET AND PROPOSED FEE INCREASE:

As part of the budget process for the 2025-2027 Legislative Session, DOGAMI is proposing an increase to fees across all permit types to 1) maintain the current program and 2) provide funding for additional positions to improve MLRR service delivery. If approved, the new fee schedule won't go into effect until January 2026. As of Fall 2024, the details of the proposed fee increase, and program right-sizing are not finalized. The next step in the budget process is the release of the Governors Recommended Budget in December 2024, followed by Legislative review of any fee changes during the 2025 Regular Session. Interested parties may follow the process on DOGAMI's website:

(<https://www.oregon.gov/dogami/about/Pages/performance.aspx>) and with the Oregon State Legislature (https://www.oregonlegislature.gov/citizen_engagement/Pages/Find-a-Bill.aspx).

DOGAMI Permitting Efforts Seeking Single Entities:

In an effort to more effectively administer Operating Permits, the Department now requires a single individual or entity as the permittee (responsible party, or principal). We have several sites that were previously allowed to operate under one, two or even FOUR permittees. This creates a stressor for those permittees if a change needs to occur (transfer, amendment, security replacement, etc.) as we need **everyone's** signature to process that action. Therefore, we are requiring the designation of a single individual from those currently listed on the permit as the permittee. Alternately, you can transfer the Operating Permit to a different entity or individual not currently listed on the Operating Permit. For example, Mark Crushes & Dave Gravelly are both currently listed on the permit. Mark and Dave can choose to have the permit issued to either Mark Crushes or Dave Gravelly. Another option for Mark and Dave is to transfer the permit to another entity, such as their new company I ♥ Crushing Rocks, Inc. Selecting one of the individuals on the Operating Permit as the permittee is a simple administrative action with no fee associated. However, the reclamation security will need to be resubmitted with the designated permittee as principal. Transferring to another permit entity, like their company I ♥ Crushing Rocks, Inc. would incur the normal transfer fees and require the normal permit transfer process.

As mentioned above, if no individual currently listed on the permit is willing to become the permittee for this site, the site can be transferred to another individual or entity via the Operating Permit transfer process. This process would follow our conventional fee structure and procedure.

Contact Us at 541-967-2039 email: mlrr.info@dogami.oregon.gov

Website: <https://www.oregon.gov/dogami/mlrr>

Oregon Department of Geology and Mineral Industries
Mineral Land Regulation & Reclamation
229 Broadalbin St. SW, Albany, OR 97321

Live from Admin Corner: Signature Authority and Delegating Signature Authority

Communication from DOGAMI regarding an application is directed to the Applicant and permit administration is directed to the Permittee, because they are responsible for the development and implementation of their operating and reclamation plan, and all associated reclamation liability.

All Applicants and Permittee's must provide a primary contact that has decision making and signature authority. It's important that these individuals are involved in the application process and permit administration. DOGAMI refers to individuals with decision making and signature authority for an Applicant or Permittee as Legally Authorized Representatives (LARs). Individuals (sole proprietors) have the authority to sign on behalf of themselves.

We do our best to confirm the individual signing an application on behalf of an applicant, or communicating with the Department about permit administration, has the appropriate authority to do so. Therefore, Applicants/Permittees that are businesses required to register with the Oregon Secretary of State Business Registry have to demonstrate the person signing has the authority. This is often satisfied by confirming the individual signing the application is listed in the business registry as a legally authorized representative (LAR). For example, if the business is an LLC and the individual signing the application form is listed as a Member, or it's a corporation and the individual signing the application is listed as President.

What do you do if the responsible individual isn't listed in the business registry, and adding them isn't an option? A LAR for the business can delegate signature authority using DOGAMI's Delegation of Signature Authority form, available on our website.

Key Points about Signature Authority and Delegating Signature Authority:

- Signature Requirement: DOGAMI application forms must be signed by a Legally Authorized Representative of the applicant.
- Verification: Legally Authorized Representatives are verified through the Oregon Secretary of State Business Registry when applicable.
- Delegation Option: Signature authority can only be delegated by a Legally Authorized Representative to another individual.

Plus! Designating Agents to support Application Processing and Permit Administration

Applicants and Permittees commonly work with third parties, such as surveyors or wetland consultants, and want them to be able to openly communicate with the Department about various aspects of application processing or permit administration. To accomplish this, the Applicant or Permittee can complete and submit a Designation of Agent form, available on our website Designating an Agent as an additional contact to support the application process or permit administration enables DOGAMI to provide information to, and receive information from, the Designated Agent.

The Designated Agent does not have decision making or signature authority. All decisions, including those conveyed through the Designated Agent, remain the sole responsibility of the Applicant/Permittee. Notwithstanding the foregoing, DOGAMI may require specific decisions be communicated directly from the Applicant/Permittee and the Applicant/Permittee must provide the required signature on all application or permit documents.

Just like the application form, the Designated Agent form must be signed by a Legally Authorized Representative, which includes the Delegated Signature Authority when applicable. Applications may have more than one Designated Agent, but the number may be subject to limitation by DOGAMI.

Key Points about designated agents:

- The Designation of Agent Form must be signed by a Legally Authorized Representative.
- The Applicant/Permittee needs to submit a Designation of Agent form for each designated agent.
- The Designated Agent does not have any authority to make decisions regarding the application or permit.

Staff Report and Memorandum

To: Chair, Vice-Chair, and members of the DOGAMI Governing Board

From: Jason McClaghry, GS&S Program Manager

Date: November 18, 2024

Regarding: Agenda Item 11 - GS&S Update

Jason McClaghry, GS&S Program Manager, will provide an update on the GS&S program.

Proposed Board Action: The Board will not be asked to take an action on this item.

December 12, 2024

Agenda Item 11 – GS&S Update

This is a report of Geological Survey and Services Program activities since the last presentation to the Board on September 19, 2024. Staff remain focused on working on existing projects, closing out others, and developing new project ideas and concepts to explore, within DOGAMI’s mission. Our current active grant load is 28 non-lidar grants (16FF, 12OF) and 4 Lidar projects. Potential grant opportunities continue to grow in the areas of: 1) landslide inventory and risk reduction; 2) post-wildfire landside and debris flows; 3) channel migration and flood zone analysis; 4) natural hazard risk assessments; 5) earthquake hazard analysis; 6) tsunami inundation model analysis and coastal geomorphology; 7) geologic mapping in support of groundwater studies, mineral resource evaluations, and geologic hazards; 8) carbon sequestration; and 9) critical mineral resource inventories.

Publications

Since the last board update September 19, 2024, 4 new publications were released by the GS&S Program (Figure 1; Table 1): DOGAMI has released 15 formal publications in 2024.

Figure 1. Chart showing DOGAMI publication output since 2019.

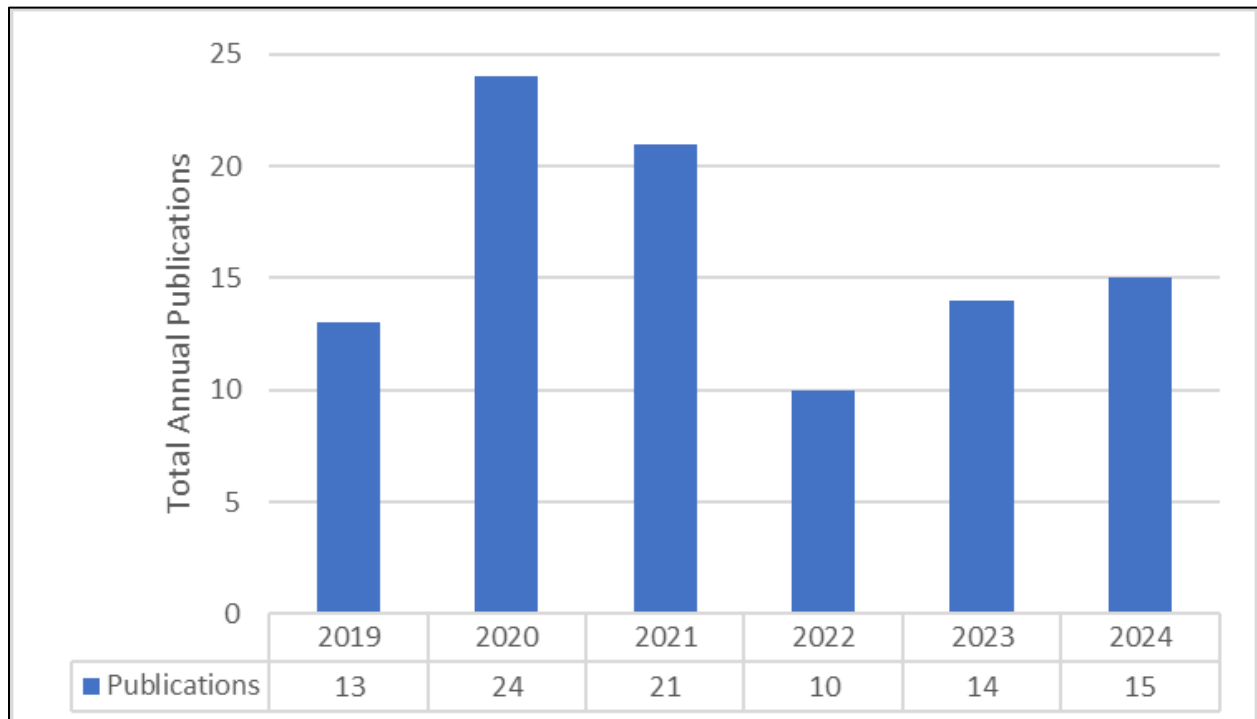


Table-1. Table showing DOGAMI publications released in 2024.

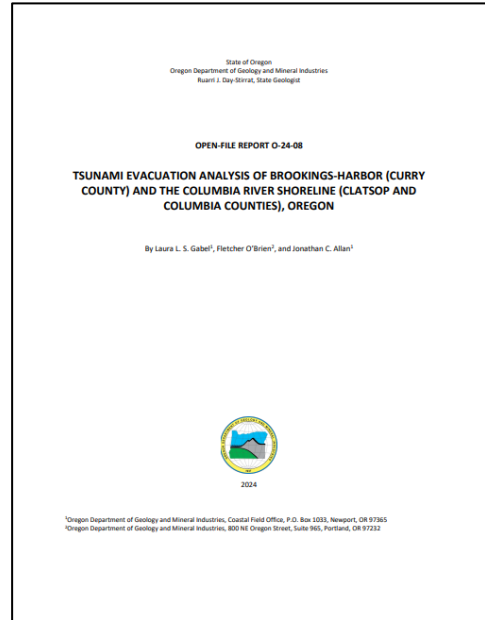
Publication Series	Publication Series No.	Title	Year
Idaho Geological Survey Digital Web /Geologic Map Series	DWM-214/GMS 131	Geologic map of the Weiser South quadrangle, Payette and Washington counties, Idaho and Malheur County, Oregon	2023
Idaho Geological Survey Digital Web /Geologic Map Series	DWM-215/GMS 132	Geologic map of the Payette quadrangle, Payette County, Idaho and Malheur County, Oregon	2023
Open-File Report	O-24-01	Multi-Hazard Risk Report for Morrow County	2024
Digital Data Series	SLIDO 4.5	Statewide Landslide Inventory for Oregon, release 4.5	2024
Open-File Report	O-24-02	Channel Migration Zone Maps for Eastern Lane County, Oregon, McKenzie and Middle Fork Willamette River	2024
Open-File Report	O-24-03	Brookings Tsunami Modeling: Toward Improved Maritime Planning Response	2024
Open-File Report	O-24-04	Multi-Hazard Risk Report for Polk County, Oregon	2024
Open-File Report	O-24-05	Channel Migration Zone Maps for Johnson Creek, Multnomah and Clackamas Counties, Oregon	2024
Open-File Report	O-24-06	Multi-Hazard Risk Report for Douglas County, Oregon	2024
Maritime Tsunami Response Guidance	MTRG-2024-OR-01	Oregon Maritime Tsunami Response Guidance (MTRG) No. 2024-OR-01, Port of Brookings Harbor, Curry County, Oregon	2024
Open-File Report	O-24-07	Multi-Hazard Risk Report for Clackamas County, Oregon	2024
Open-File Report	O-24-08	Tsunami Evacuation Analysis of Brookings-Harbor and the Columbia River Shoreline, Oregon	2024
Open-File Report	O-24-09	Channel Migration Zone Maps for the Zigzag River, Clackamas County, Oregon	2024
Open-File Report	O-24-10	Landslide Inventory and Risk Reduction in Grant County, Oregon	2024
Open-File Report	O-24-11	Improved Cascadia Earthquake Source Models for Tsunami Hazard Assessment	2024

Recently released DOGAMI publications

1. **Open-File Report O-24-08, Tsunami Evacuation Analysis of Brookings-Harbor (Curry County) and the Columbia River Shoreline (Clatsop and Columbia Counties), Oregon**, by Laura L. S. Gabel, Fletcher O'Brien, and Jonathan C. Allan;
<https://www.oregon.gov/dogami/pubs/Pages/ofr/p-O-24-08.aspx>

WHAT'S IN THIS REPORT?

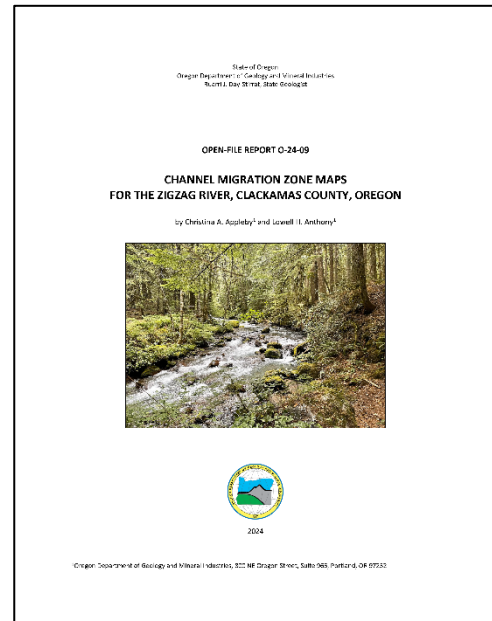
This publication is intended to help communities in Brookings-Harbor and the Columbia River Shoreline with their efforts toward building disaster resilience through an investigation of tsunami evacuation route vulnerabilities and improvements.



2. **Open-File Report O-24-09, Channel Migration Zone Maps for the Zigzag River, Clackamas County, Oregon**, by Christina A. Appleby and Lowell H. Anthony;
<https://www.oregon.gov/dogami/pubs/Pages/ofr/p-O-24-09.aspx>

WHAT'S IN THIS REPORT?

This report describes the methods and results of channel migration zone mapping for the Zigzag River in Clackamas County, Oregon. This information can help communities plan and prepare for natural disasters.



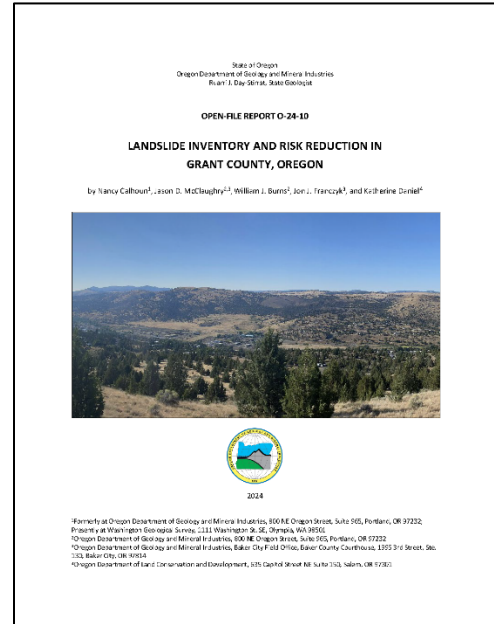
3. **Open-File Report O-24-10, Landslide Inventory and Risk Reduction in Grant County, Oregon**, by Nancy C. Calhoun, Jason D. McClaughry, William J. Burns, Jon J. Franczyk, and Katherine Daniel;

<https://www.oregon.gov/dogami/pubs/Pages/ofr/p-O-24-10.aspx>

WHAT'S IN THIS REPORT?

Landslides are one of the most widespread and damaging natural hazards in Oregon. To continue reducing damage and losses from landslides, areas of landslide hazard must first be accurately located. We mapped 1,507 landslide deposits within three Grant County study regions: 398 deep-seated landslides, 718 debris flows, 259 rock falls, and the rest shallow landslides or unclassified. Risk reduction discussions identified actions that can be taken in the areas of public awareness, planning and zoning, and emergency response. State, local government, and public participants in these discussions identified preferred pathways for risk reduction strategies most appropriate for Grant County.

[View the interactive StoryMap for this project!](#)

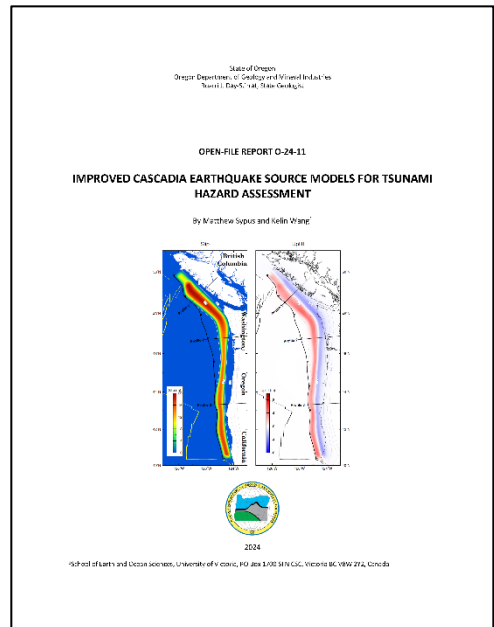


4. **Open-File Report O-24-11, Improved Cascadia Earthquake Source Models for Tsunami Hazard Assessment**, by Matthew Sypus and Kelin Wang;

<https://www.oregon.gov/dogami/pubs/Pages/ofr/p-O-24-11.aspx>

WHAT'S IN THIS REPORT?

This report describes the development of a suite of new Cascadia Subduction Zone (CSZ) megathrust source scenarios. Compared to previous Cascadia tsunami source models, several improvements are made. These improvements have been aided by the recent release of new data from the Cascadia Seismic Imaging Experiment 2021 (CASIE21), reinterpreted legacy seismic data, seismicity, and low-frequency earthquakes (LFE) in Episodic Tremor and Slip (ETS) events.



Upcoming DOGAMI publications

- Geologic Map of the Mill Creek Area, Hood River and Wasco Counties, McClaughry, GMS 128.
- Earthquake Hazard Assessment for the Eugene area, Guererro
- Multi-hazard Risk Assessment of Linn County, Williams
- Oregon Geologic Data Compilation – OGDC-8, Darin
- Mineral Information Layer for Oregon – MILO-4, McClaughry
- Landslide Inventory of NW Hood River County, Burns
- Vertical Structures and Other Tsunami Evacuation Improvements Options in Seaside and Cannon Beach, Clatsop County, Oregon, Gabel
- Slater Creek Landslide Inventory, Burns
- Geologic Map of the Adams Quadrangle, Azzopardi
- Geology of the South Coast, McClaughry and Darin
- Ecola State Park Landslide Risk Analysis, Burns
- Serial Lidar Analysis of Eagle Creek, Burns
- Oregon Coast Earthquake and Tsunami Impact Analysis, Allan

Grants

The following grant opportunities are in the process of being developed or awaiting funding decision. They support DOGAMI's mission to provide earth science information to make Oregon safe and prosperous.

Grant applications awaiting decision, contract, or legislative approval

1. U.S. Geological Survey National Cooperative Geologic Mapping Program, STATEMAP FY25

- Fulfills goals for *Key Performance Measure 2 – Geologic Map Completion*
- Grant application requesting \$800,000 (Federal Funds). A 50 percent match is required; DOGAMI will contribute \$800,000 in staff time, supplies, and equipment for a total project \$1,600,000.
- Focus Areas:
 - Project 1 – Geologic mapping in the Ring and Holdman 7.5' Quadrangles in the Walla Walla Basin, northeast Oregon;
 - Project 2 – Geologic mapping in the Mahon Creek and Burns NW 7.5' Quadrangles in the Harney Basin, southeast Oregon;
 - Project 3 – Geologic mapping in the Locust Grove and Wasco NW 7.5' Quadrangles in the Middle Columbia Basin, northern Oregon;
 - Project 4 – Updated Quaternary fault and fold database and map for Oregon
- Project period June 1, 2025 to May 31, 2026
- Seeking Legislative approval to proceed December 12th.
- **Proposal development stage.** Submit by January 7, 2025.

2. U.S. Geological Survey National Cooperative Geologic Mapping Program, Data Preservation FY25

- Grant application requesting \$108,500 (Federal Funds). A match is required; DOGAMI will contribute \$108,500 in staff time, supplies, and equipment for a total project \$217,000.
- Focus Area: Continue to scan, archive, and make publicly available historic assay reports through the Mineral Information Layer for Oregon (MILO 4.1).
- Project period June 1, 2025 to May 31, 2027
- Seeking Legislative approval to proceed December 12th.
- **Proposal development stage.** Submit by December 12, 2025.

3. U.S. Geological Survey National Landslide Hazards Program

- Fulfills goals for *Key Performance Measure 1 – Hazard and Risk Assessment Completion*
- Grant application requesting \$100,000 in Federal Funds. This grant program does not require a funding match however, one ranking criteria for future funding is the level of in-kind matching funds offered by the Agency. Therefore, DOGAMI will contribute a 50% match of \$100,000 in staff time. Total project funding requested is \$200,000. The Agency will charge a full indirect rate.
- This is a new federal opportunity, a result of the passing of 2019-2020 H.R.8810, the National Landslide Preparedness Act. The bill authorized a national landslide hazards reduction program (NLHRP), which includes a grant program directed at U.S. State Geological Surveys.
- Focus Area: The DOGAMI proposal includes debris flow inventory mapping in the Cascade Range and the Coast Range in Oregon. This proactive project is proposed to identify debris flow regions in Oregon, so we understand where the hazard exists and become prepared for future post-fire debris flow hazards. The project will also outline the method, establishing a procedure for future updates. This project will allow DOGAMI to bring on at least one intern to work with the NRS4 Lead staff member. Finally, we will share the data with the communities and discuss ways to use the data to reduce future risk.
- Project period June 2025 to May 2026
- Seeking Legislative approval to proceed December 12th.
- **Proposal development stage.** Submit by January 15, 2025.

4. Multi-Hazard Risk Assessment for Union County

- Fulfills goals for *Key Performance Measure 1 – Hazard and Risk Assessment Completion*
- Department of Land Conservation and Development (DLCD) would fund DOGAMI risk assessment work of Union County with funding ranging between \$48,000 and \$77,000. Funding would be through an Interagency Agreement from a FEMA Building Resilient Infrastructure and Communities (BRIC) grant.
- The Oregon Department of Land Conservation and Development (DLCD) has asked DOGAMI to conduct a natural hazard risk assessment for Union County. The results derived from this work will be incorporated into each study area's Natural Hazard Mitigation Plan (NHMP). DLCD will be funding DOGAMI to conduct this work. This work

will help local emergency planners to make informed decisions to reduce the risk from natural hazards within the communities of Union County, Oregon.

- Project period Oct 2025 to Sept 2026
- **Proposal development stage.** DLCD will submit by February, 2025.

5. United States Department of Energy (DOE) in collaboration with Lawrence Berkeley Laboratory (LBL) and the U.S. Department of Energy National Energy Technology Laboratory (DOE-NETL)

- Grant application requesting \$320,000 (Federal Funds). A 20% match of \$80,000 will be met by DOGAMI staffing and supplies.
- Focus Area: This program supports a broad government-wide approach to upgrading and modernizing infrastructure, including by strengthening critical domestic manufacturing and associated supply chains to maximize the benefits of the clean energy transition as the nation works to curb the climate crisis, empower workers, and advance environmental justice.
- Project period June 1, 2023 to May 31, 2025
- Legislative approval received November 2023.
- **Awaiting decision and contract with partners.** Submitted December 2023; awaiting decision.

6. US Department of Energy Regional Scale Collaboration to Facilitate a Domestic Critical Minerals Future: Carbon Ore, Rare Earth, and Critical Minerals (Core-CM) Initiative

- Fulfills goals for *Key Performance Measure 2 – Geologic Map Completion*
- Grant application. DOGAMI is requesting funding through two program regions; Core 7 and Core 8. For Core 7, DOGAMI is partnering with a research group
- For Core 7, DOGAMI is partnering with a research group including University of Nevada Reno, California Geological Survey, and Arizona Geological Survey, and University of Utah. DOGAMI will be a subrecipient of the larger possible award, requesting \$200,366 in federal funds. This grant program requires a 20% funding match and can charge a full indirect rate. A 20% match of \$50,177 will be met by DOGAMI staffing and supplies. For Core 8, DOGAMI is partnering with a research group including University Alaska Fairbanks (UAF), Oregon State University, and the Washington Geological Survey for a total budget of federal funds of \$7,500,000. DOGAMI will be a subrecipient of the larger possible award, requesting \$1,830,088 in federal funds. This grant program requires a 20% funding match and can charge a full indirect rate. A 20% match of \$457,934 will be met by DOGAMI staffing and supplies, as well as geophysical data collections over the project area.
- Focus Areas: Region 8 – Regional mapping and rock sampling, analytical work, and airborne data collections of magnetics in NE Grant County and Malheur County. An additional major part of this proposal is targeted community outreach to explain to the public the importance of critical minerals, the need to inventory them, and path forward to produce them as an economic resource. Region 7 – DOGAMI's role on this project focuses on community outreach. Collectively, these projects should lead to an expansion of the opportunities for the Northwest Region's mining industries and reduce the United States reliance on importing these critical minerals.
- Project period September 2024 to September 2027.

- **Awaiting decision.** Final proposal(s) for regions 7 and 8 to was submitted June 24, 2024; DOGAMI would be a subrecipient of a larger award.

7. FEMA Cooperating Technical Partners (CTP) proposals BRIC Oregon Department of Emergency Management Hazard Mitigation Building Resilient Infrastructure Communities and Flood Mitigation Assistance (BRIC/FEMA)

- Fulfills goals for *Key Performance Measure 1 – Hazard and Risk Assessment Completion*
- Grant application as a subrecipient through Oregon Department of Emergency Management (OEM) requesting \$107,786 (Federal Funds). A 25% match is required and is being met by lidar data collections from the city of Portland. No indirect charges are allowed.
- Focus Areas: Post-fire debris flow risk reduction in City of Portland’s Surface Water Drinking Supply Watershed, Bull Run, Clackamas and Multnomah Counties.
- Project period 2024 to 2026
- **Awaiting decision.** Submitted to OEM January 2024; identified by FEMA for further review, awaiting decision.

Staffing

GS&S has completed a recent recruitment to fill a position for a student intern landslide mapping geologist.

Student Intern Natural Resource Specialist 1, Landslide Mapping Geologist – The primary purpose of this position is to serve as a member of the landslide mapping team, building landslide inventories for Oregon. The position gathers, evaluates, analyzes, maps, and interprets earth science information, topographic data, and remote sensing data to help identify and map landslide and debris flow deposits and related features. This data is used to inform the management of natural resources and help identify and understand the geology and geohazards at local, regional, and state-wide levels.

DOGAMI welcomed Natalie Culhane into the NRS1 Student Intern Landslide Mapping position beginning on October 10th. Natalie is a master's student at Portland State University, focused on improving the characterization of Mt. Hood's Twin Lakes Fault, as part of Dr. Ashley Streig's Active Tectonics research lab. She graduated Western Washington University in 2023 with an undergraduate thesis on the Holocene paleoclimate of the Australian Alps. Natalie previously completed a USGS Pathways internship under Dr. Alex Grant, for which she is completing a USGS data release and a pending publication on landslide runout length estimates for all earthquake-triggered landslides in the USGS repository." Natalie is eager to contribute to landslide mapping and public outreach, all to support Oregon’s geologic resilience efforts.

GS&S Program Focus Area: *Outreach and engagement*



The annual meeting of the Geological Society of America (GSA) was held in Anaheim California, September 22-25. Nine staff from the Geological Survey and Services Program (GS&S) and 3 from the Mineral Regulation and Reclamation Program (MLRR) attended to participate in professional development and outreach activities, as well as to present research in the geosciences. The agency outreach booth attracted significant attention from conference attendees. A series of talks by agency staff delivered information on agency research, including geologic mapping, earthquakes, landslides, channel migration, and critical minerals.

DOGAMI staff and the agency outreach booth at the annual meeting of the Geological Society of America (GSA) was held in Anaheim California.



In mid-October, DOGAMI conducted a paleoseismic study of the Pine Creek North fault in conjunction with USGS-funded STATEMAP geologic mapping being conducted in the Walla Walla subbasin of northeastern Oregon. Work was done in collaboration with staff from the USGS. The trench was excavated by the Umatilla Co. Roads Department. A site review, attended by DOGAMI and USGS staff as well as university staff and students was held on Saturday, October 26th, 2024. Examination of this fault was a priority area for DOGAMI because of the historical seismicity in this part of the Walla Walla subbasin, including the 1936 M 6.0 Stateline/Milton-Freewater earthquake. DOGAMI gathered a wealth of data from the trench and look forward to analyzing and interpreting the active tectonics and earthquake activity history in the Walla Walla subbasin.

DOGAMI geologists Lalo Guerrero and Reed Burgette on site in the Pine Creek North fault trench.



Laura Gabel and Vanessa Swenton represented DOGAMI at the Girl Scouts STEM event at Chemeketa Community College on Saturday, November 9, 2024. DOGAMI brought and used a seismometer to have the Girl Scouts jump to “create an earthquake” that they could see on the seismograph. Staff also had them build model buildings and see how they withstood different levels of shaking, and showed how liquefaction works. A number of agency outreach materials, including postcards were on hand, to distribute to participants. This was a great event and DOGAMI is looking forward to participating again next year.

DOGAMI geologists Vanessa Swenton and Laura Gabel representing DOGAMI at the Girl Scouts STEM event.

