

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

**December 11, 2023
8:30 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 11:20 a.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: 829 7392 9945

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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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|-------------------|-----------------|--|
| 8:30 a.m. | Item 1: | Call to Order – Chair Linda Kozlowski |
| 8:35 a.m. | Item 2: | Introductions – Chair Linda Kozlowski and Staff |
| 8:40 a.m. | Item 3: | Review Minutes of September 25, 2023 Board Meeting
Board Action: The Board will be asked to take an action on this item |
| 8:45 a.m. | Item 4: | Election of Vice-Chair
Board Action: The Board will be asked to take an action on this item |
| 9:00 a.m. | Item 5: | Confirm 2024 Board Meeting Dates
Board Action: The Board will be asked to take an action on this item |
| 9:15 a.m. | Item 6: | 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 7: | Rule Writing – Vaughn Balzer, MLRR Floodplain Mining Reclamationist and DOGAMI Rules Coordinator, and Diane Lloyd, Senior Asst Attorney General DOJ
Briefing: The Board will be asked to take an action on this item |
| 10:15 a.m. | Break | |
| 10:30 a.m. | Item 8: | MLRR Update – Sarah Lewis, MLRR Program Manager
Briefing: The Board will not be asked to take an action on this item |
| 10:50 a.m. | Item 9: | GS&S Update – Jason McClaughry, GS&S Program Manager
Briefing: The Board will not be asked to take an action on this item |
| 11:00 a.m. | Item 10: | Director’s Report – Ruarri Day-Stirrat, Director
Briefing: The Board will not be asked to take an action on this item |
| 11:15 a.m. | Item 11: | Public Comment
Only <u>written comments</u> received prior to or by 11:20 a.m. on the day of the meeting will be accepted |
| 11:20 a.m. | Item 12: | Board Adjourn |
-

PLEASE NOTE

AGENDA

The public portion of the Board meeting will begin at 8:30 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 21, 2023

Regarding: Agenda Item 3 – Review Minutes of September 25, 2023 Board Meeting

Attached are draft Board Minutes from the September 25, 2023 Board meeting.

Proposed Board Action: The Board Minutes of September 25, 2023 Board meeting be Approved/Approved as Amended/Not Approved.

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

Monday, September 25, 2023

8:30 a.m.

Virtual Public Meeting

1) Call to Order: (Scott Ashford, Board Chair)

Chair Scott Ashford called the meeting to order at 8:40 a.m.

2) Introductions: (Scott Ashford, Board Chair, and Staff)

Chair Scott Ashford, Vice-Chair Linda Kozlowski, Board Members Diane Teeman, and Erica Medley were all in attendance via Zoom video/phone. Board Member Anne MacDonald 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)

Jason McClaughry, Interim GS&S Program Manager

Laura Gabel, Coastal Field Geologist/KPM Coordinator

Vaughn Balzer, MLRR Floodplain Mining Reclamationist/DOGAMI Rules Coordinator

Cari Buchner, MLRR Mining Compliance Coordinator

Melissa Carley, MLRR Aggregate Permitting Reclamationist

Others in attendance:

Diane Lloyd, Department of Justice (DOJ)

Wendy Gibson, Legislative Fiscal Office (LFO)

Sione Filimoehala, DAS Office of the Chief Financial Officer

Peggy Lynch, League of Women Voters of Oregon

1 **3) Review Minutes of June 26, 2023 Board Meeting:**

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

3

4 Board Action: **Teeman moved to approve the minutes of June 26, 2023 as submitted. Kozlowski**

5 **seconded. Motion carried.**

6

7 **4) Financial Report:**

8 Steve Dahlberg, Chief Financial Officer, presented the DOGAMI Budget Status Report, as of June 30,

9 2023, ending the 2021-23 Biennium for the Geological Survey and Services (GS&S) and Mineral Land

10 Regulation & Reclamation (MLRR) programs. The Board Packet contained the financial actuals,

11 graphs, and projections; including a high-level chart of the new 2023-35 LAB Budget. The Agency is in
12 a very healthy financial state.

13
14 Kozlowski asked about the MLRR Operating Reserve and its purpose. Dahlberg answered MLRR's
15 Operating Reserve is a 6 month's balance built up to cover the cost of doing business in case of any
16 unforeseen issues/changes.

17
18 Chair Ashford and Kozlowski asked about tracking the costs for outreach and education. Dahlberg
19 said it can be done and will include it going forward.

20
21 Kozlowski asked about the Terrestrial Lidar Scanning device. McClaghry briefly explained it was
22 purchased for the coast to look at coastal bluffs for long term erosion and changes. It is a valuable
23 device and has multiple applications, including being used for landslides.

24
25 Board Action: **Kozlowski moved to accept the Budget Status Report as presented. Medley**
26 **seconded. Motion carried.**

27

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

29 Laura Gabel, Coastal Field Geologist and KPM Coordinator, reviewed the Agency's Annual Key
30 Performance Measures (KPMs), including the Annual Assessment by the Board.

31

32 Chair Ashford asked if Mt. Saint Helens is part of DOGAMI's assessment for the impact on the State of
33 Oregon, even though it is in Washington. McClaghry said there are several cascade volcanoes that
34 pose risk to Oregon, but it is a significant hazard directly to the Portland area. It is part of DOGAMI's
35 hazard analysis, but not directly studied by the Agency but planning efforts are made with the
36 Cascade Volcano Observatory (CVO). The Hazard Viewer (HazVu) includes all the Oregon volcanoes,
37 but it does not include Mt. Saint Helens.

38

39 Chair Ashford asked if the yearly increasing target for KPM 2 is part of the Agency's planned work.
40 Director Day-Stirrat stated the KPM and metric is focused on population and there is obvious
41 recognition that mapping needs to happen around that state in less populated areas, which is why
42 the KPM has not been met. Another metric being tracked is how much of the State has been
43 mapped, even though it is not an official KPM.

44

45 Gabel explained KPM 4 – Mine Site Inspections, was redefined to an annual metric and is no longer
46 biennial, which is the reason for the blank page in the report; it is an automatically generated
47 placeholder. Gable reviewed the remnant from the old KPM 4 to wrap it up for the Board.

48

49 Chair Ashford asked Lewis what her plan for the new KPM is going forward with the next year. Lewis
50 explained they are working on developing how to track the metric, ensuring the database has the
51 appropriate fields to identify what an active mine site is and be able to track the inspections. Lewis
52 added the reason for lower inspections rates was due to staffing transitions, with the loss of two
53 staff. Ashford asked if aerial information counts as an inspection. Lewis said yes under certain
54 circumstances and a clear protocol will be determined. This KPM metric is for aggregated mine sites
55 only. The Grassy Mountain Project will have a Division 30 and Division 37 aggregate permit within it,
56 and would count towards the KPM once it has been permitted.

57

58 Medley asked how many of the mine site inspections were in person versus aerial imagery and what
59 is the percentage of finding issues. Lewis said close to 100% because visits are usually due to
60 environmental concerns.

61
62 Chair Ashford asked if people get to provide comments as part of the Customer Service Satisfaction
63 Survey KPM 5. Gabel said yes, but those are not quantitative so they are not included in the KPM.
64 Kozlowski asked if the updated website will help with availability of information. Gabel said she is
65 hopeful it will as kinks are worked out. Lewis added that ePermitting will help with availability of
66 information as it will have a Public Records Portal, which automate the delivery of mining records.

67
68 The Board completed their Annual Assessment by answering the required 15 questions, which
69 included review of the Annual Performance Progress Report, also known as the KPMs that will be
70 submitted to DAS.

71
72 **6) Rule Writing:**

73 Vaughn Balzer, MLRR Floodplain Mining Reclamationist and DOGAMI Rules Coordinator, and Diane
74 Lloyd, Senior Asst Attorney General DOJ, presented information related to rule writing. Lloyd did an
75 overview of the Rule Writing process and Balzer presented a request to initiate formal rulemaking for
76 changing OAR 632-030-0056, specific to the appeals process for Department Orders. The proposed
77 rulemaking is to ensure the rules align with DOGAMI's statutory authority related to Suspension
78 Orders in accordance with ORS 517.880, allowing Suspension Orders as Final Orders that become
79 effective immediately, and provide additional guidance to reduce the confusion related to requests
80 for Contested Case Hearings or State Geologist Reviews.

81
82 Chair Ashford asked if there are other rules the Agency enforces that allow for hearings or State
83 Geologist review. Balzer said yes, the Suspensions Orders are for Mining Without a Permit and
84 preventing adverse consequences to the environment or impacts on neighboring properties.

85
86 Day-Stirrat stated the intent here is essentially to fix the issue of when a Suspension Order is issued
87 with a list of required corrective actions for egregious environmental harm, it becomes effective
88 immediately and does not have a waiting period. He added that if the Agency is incorrect in its
89 Suspension Order, it can be lifted through a Contested Case Hearing, State Geologist Review, or
90 Circuit Court. The Agency would prefer the permittee take the actions outlined, make the corrective
91 actions, and then the Agency lift the suspension.

92
93 Chair Ashford asked if the Agency typically has had some sort of communications with the violator(s)
94 prior to issuing a Suspension Order, which would allow the issuance to happen very quickly without a
95 lot of background. Lloyd stated that is correct, the statute provides circumstances through which the
96 Department can issue those orders.

97
98 Medley stated given the potential environmental impact there should at least be language saying
99 work should cease until a hearing. Lloyd replied that is how the Agency has been implementing
100 authority.

101
102 Board Action: **Kozlowski moved to proceed with rule writing for OAR 632-030-0056. Medley**
103 **seconded. Motion carried.**

105 **7) MLRR Update:**

106 Sarah Lewis, MLRR Program Manager, provided an update on MLRR.

107

108 Permit Status Summary

109 Lewis stated Application workload remains high. The Program has prioritized providing applicants
110 updates on the status of the Applications. Of the 72 active Operating Permit Applications, 5 are in
111 the intake phase, 32 are with staff, and 36 have been returned to applicants for additional
112 information or third-party approval. One staff member has been tasked with coordinating the
113 communication around each application with staff to ensure everyone knows who is on point and
114 where it is in the process.

115

116 Civil Penalties

117 Lewis said there are no new Suspension Orders issued, but there are some on the books. The
118 Program did issue the Civil Penalty for Mining Without a Permit on State Lands to Eckroth for over
119 \$400,000; this was approved by the Board in December. The Respondent does have 20 days to file a
120 Contested Case Hearing. There are no new Civil Penalties for late payments, which shows they are an
121 effective deterrent. Lewis said unmarked permit boundaries continue to be a challenge during site
122 inspections, therefore she will bring a future request to the Board to develop a procedure using Civil
123 Penalties to enforce permit boundary marking, which is a permit condition violation.

124

125 Grassy Mountain

126 Lewis said significant progress has been made on the request for information, and a discussion on the
127 Completeness of Application could happen at the next Technical Review Team (TRT) scheduled for
128 October 4, 2023. If the Application is determined to be complete, DOGAMI will develop and issue a
129 Notice to Proceed to the applicant, which could take 30-60 days. Kozlowski said it has been a long
130 time coming, is impressive and really good work. Lewis said the Program is reflecting often on the
131 lessons learned so far, for how to approach future projects.

132

133 Lewis provided a staffing update, stating MLRR is undergoing a lot of new hires with backfills and the
134 four positions approved in the 2023-25 Budget, explaining they are Other Funds positions so the
135 Program is utilizing funds it already has. She introduced Melissa Carley as the new Aggregate
136 Permitting Reclamationist. Two of the new positions are related to unpermitted mine sites; one
137 position is the NRS 3 Mining Compliance Coordinator, there was an internal recruitment and Cari
138 Buchner started this morning, and her vacated position will be backfilled. The other two positions
139 are for ePermitting; the permanent IT position will also take over the MLRR IT duties to free up its
140 IT/GIS staff member. An ePermitting update to Legislature is required during the Short Session in
141 January. Lewis added that MLRR has had an OSU intern from the Professional Science master's
142 program, Telicia Hixson, who successfully presented her research project on best management
143 practices around noxious weed infestations.

144

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

146

147 **8) GS&S Update:**

148 Jason McClaughry, GS&S Program Manager, provided a brief update on the GS&S program.

149

150 McClaughry said the Board Packets contains his detailed summary update, but he wanted to highlight
151 a few items from it. There are two publications pending release that are specifically related to the
152 collaboration and outreach conversations. The first is Open File O-23-05 Neotectonic map of the
153 Cascadia Margin, a contribution by Oregon State University Researcher, Chris Goldfinger, DOGAMI is
154 publishing a new updated map of the offshore faults within the Cascadia Subduction Zone; it was
155 originally published in 1992. The second one will be an Open File on the sinkholes at Cape Kwanda
156 State Park, which has strengthened DOGAMI's partnership with State Parks.

157
158 McClaughry provided a staffing update for GS&S, stating the Program received two new permanent
159 positions; one is for a Mineral Resource Geologist to help with understanding critical mineral and
160 other important economic resources throughout the State, and the second is a Mapping Geologist.
161 Both positions are in different stages of the recruitment process, and have attracted a lot of qualified
162 candidates. GS&S also has a master's candidate at the Portland State University (PSU), Anna
163 Tsitsivas, helping with landslide mapping project in Coos Bay that is funded by the BLM, and a limited
164 duration (LD) Information Specialist, Christian Martinek, to help support IT activities and needs. In
165 addition, due to grant load, a recruitment for an LD NRS 2 Mapping Geologist will be done to help
166 with the Landslide Mapping Program for the rest of the biennium. This will also allow the Agency to
167 be strategic and go after more grant opportunities.

168
169 Medley asked if the Department actively recruits at State colleges. McClaughry said DOGAMI is
170 actively engaged with its university partners and tries to broadcast job announcements widely.

171
172 McClaughry briefly discussed resources the Agency has recently invested in for support of ongoing
173 research, with high resolution aeromagnetic and radiometric data surveys over some target areas of
174 the State. This will be used as match going forward.

175
176 Chair Ashford asked if the work being done and data being developed in Northeast Oregon help build
177 justification for the work to the Federal Government. McClaughry answered yes it does, and it shows
178 the Agency is putting forth a good faith effort to supply match while collecting data to support the
179 community.

180
181 Kozlowski asked if DOGAMI has a connection with the building codes related to the probabilistic
182 mapping in terms of tsunamis, and how will the Agency use that information for communities to
183 determine what can be built and where. McClaughry did not have an immediate answer, but can
184 develop one with one Jon Allan. He stated they are regularly involved in consultations as
185 development projects come up for public infrastructure within the tsunami zone.

186
187 Chair Ashford said with the shift to looking at the probabilistic hazards from a tsunami, he thinks this
188 would be a good opportunity and helpful to educate people on the coast, coordinate with Building
189 Codes, and provide communication around the new guidance.

190
191 Briefing: **No Board Action Required.**

192
193 **9) Director's Report:**

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

195
196 Agency Update

197 Director Day-Stirrat stated the Agency is enacting the Legislatively Adopted Budget with the first
198 stage being the hiring process, which both Programs are in the middle of with very well qualified
199 candidates.
200

201 The second part is Governor Kotek took office in January and issued a large number Agency
202 Expectations, including Strategic Planning/Plans, and Diversity, Equity, and Inclusion Plans, and New
203 Employee Onboarding Process; all are ongoing and in various stages of completeness, but good
204 progress had made on all of them.
205

206 The Agency is slowly beginning the 2025-27 process, which is never too soon to start thinking about
207 directions for the future, which includes carbon sequestration. A new page has been added to the
208 Agency's website that succinctly states where the Agency is today and what the opportunity is for
209 Oregon. This will be developed over the next year to determine if DOGAMI can build Policy Option
210 Packages around it. There is a push towards water and critical minerals, and Day-Stirrat will continue
211 those themes in the Agency's future building; there is a lot of work to do.
212

213 DOGAMI also has 2 years to reimagine what the structure of MLRR will look like, as it faces the reality
214 that there will need to be a fee increase in the next biennium. Medley asked what percentage
215 increase was being considered. Day-Stirrat said probably a significant one, but equally a lot of
216 restructuring in terms of business in general.
217

218 Kozlowski stated it is really exciting about thinking that far in the future as to where DOGAMI needs
219 to be and based on the stability of the organization. The great work that Day-Stirrat and his team
220 have done, gives the Agency the flexibility to really look at the future and take the time to do it.
221 Really excellent work.
222

223 Teeman asked if there is a possibility for a graduated permitting process that might allow those with
224 resources to move through faster by taking a different option, and those smaller operations or do not
225 need it as quickly do an alternative process. Day-Stirrat said that is a discussion the team has had but
226 it needs to be taken to industry to get their reaction/input.
227

228 Teeman asked for federally funded undertakings if there is a separate protocol process that has been
229 established for reaching out to interested parties or if it varies from project to project. Day-Stirrat
230 said it varies from project to project, and used STATEMAP as an example of using the STATEMAP
231 Advisory Board to steer the direction related to mapping. He said he will take her comments, discuss
232 them, and see what the Agency can do.
233

234 Briefing: **No Board Action Required.**
235

236 **10) Election of Chair and Vice-Chair:**

237 Chair Ashford stated this is his last meeting and it is time to elect a new Chair and Vice-Chair. The
238 Board voted for Linda Kozlowski as Chair and deferred election of the Vice-Chair until the next
239 meeting when all Board Members will be in attendance.
240

241 Board Action: **Ashford moved to elect Board Member Linda Kozlowski as Chair. Medley seconded.**
242 **Motion carried.**
243

244 Kozlowski took over Chair duties for the rest of the meeting.

245

246 **11) Recognition of Board Members:**

247 Kozlowski expressed her appreciation of Ashford for his leadership, generosity of time and effort.
248 The Board has made great progress under his leadership, it has been wonderful working with him,
249 and he will be missed.

250

251 Teeman said she enjoyed working with Ashford and thanked him for his service.

252

253 Day-Stirrat said it has been a pleasure to work with Ashford and characterized him as being
254 extremely focused.

255

256 Ashford said when he joined the Board the Agency was in a pretty difficult position. Today he is
257 thrilled with the partnership with Universities that are all engaged with DOGAMI. The projects the
258 Agency pursues reinforce its mission and outreach is thoughtful. He appreciates the forward thinking
259 of the Director and the customer service aspect of MLRR. He thanked staff for their work, Diane
260 Lloyd for her legal advice, and the Board Members; he enjoyed working with everybody and had a
261 great time on the Board.

262

263 A plaque was presented to Ashford for his service with the Board, which will be mailed to him.

264

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

266

267 **12) Confirm Time and Date for Next Quarterly Meeting:**

268 Newly voted Chair Kozlowski stated the next DOGAMI Board is currently scheduled for Monday,
269 December 11, 2023 at 8:30 a.m. – 1:00 p.m. in Portland or via Zoom. She confirmed this date is still
270 acceptable for the Board.

271

272 **13) Public Comment:**

273 Only written comments received prior to or by 11:45 a.m. on the day of the meeting were to be
274 accepted. Chair Ashford asked for any written public comments. No public comments.

275

276 **14) Board Adjourn:**

277 Chair Kozlowski adjourned the meeting at 11:03 a.m.

278

279 APPROVED

280

281

282

283 _____
Linda Kozlowski, Chair

284

Staff Report and Memorandum

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

From: Ruarri Day-Stirrat, Director & State Geologist

Date: November 21, 2023

Regarding: Agenda Item 4 –Vice-Chair Election

Proposed Board Action: Elect Board Member _____ as Vice-Chair.

Staff Report and Memorandum

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

From: Lori Calarruda, Executive Assistant

Date: November 21, 2023

Regarding: Agenda Item 5 – Confirm 2024 Board Meeting Dates

Below are the Proposed 2024 Board Meeting Dates.

Proposed dates:

March 14, 2024 (Thursday) – alternate date is March 12, 2024 (Tuesday)

June 27, 2024 (Thursday) – alternate date is June 25, 2024 (Tuesday)

September 19, 2024 (Thursday) – alternate date is September 17, 2024 (Tuesday)

December 12, 2024 (Thursday) – alternate date is December 10, 2024 (Tuesday)

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: September 29, 2023

Regarding: Agenda Item 6- Financial Report

Attached is the DOGAMI Budget Status Report as of September 30, 2023, ending the first quarter of the 2023-25 biennium, for the Geological Survey and Services (GS&S) Program and the Mineral Land Regulation & Reclamation (MLRR) Program. Highlights of the new 2023-25 Budget will be covered.

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



TO: DOGAMI Governing Board
FROM: Steve Dahlberg, Chief Financial Officer
DATE: December 1, 2023
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)

The information in this Board report is as of **SEPTEMBER 30, 2023**, which is 3 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.

Geological Survey & Services (GS&S) Program

As of September 30, 2023

	2023-25 Projected Revenue & Expenditures			
	General Fund	Other Funds*	Federal Funds	All Funds
Total Available Revenue**	\$ 7,383,601	\$ 2,477,727	\$ 3,725,188	\$ 13,586,516
Total Expenditures	\$ (7,086,307)	\$ (1,635,587)	\$ (3,733,388)	\$ (12,455,282)
GS&S Ending Balance	\$ 297,294	\$ 842,140	\$ (8,200)	\$ 1,131,234
Percent under Revenues	4.0%	34.0%	-0.2%	8.3%
Percent under Expenditure budget	4.0%	37.1%	19.4%	18.1%

* includes the Strong Motion Instrument Fund (SMIF)

** Includes the beginning balance

The General Fund Budget is \$7,383,601 and the projected total expenditures to end the 2023-25 biennium is expected to be \$7,086,307 which is under-budget by \$297,294 or 4.0%. The total GF expenditure includes routine expenses as well as an increase in staff costs for match on USGS StateMap and Data Preservation grants.

The GS&S Other Funds: The projected revenues are \$1,785,791, will includes the phase 2 and 3 of the Private Forest Accord lidar project before June 30. The revenues from lidar projects accounts for approximately \$1,500,000, (84%), other Grants for \$178,991 (10%), and the Strong Motion Instrument Fund (SMIF) for \$106,800 (6%). The Other Fund expenditures are projected at \$1,635,587 which includes staffing and our Lidar vendor costs, which leaves 37.1% under the OF expense limitation.

The Federal Funds: The total projected federal revenues are \$3,830,691. These federal grant revenues represent \$2,273,867 (59% of total federal revenues) driven by FEMA (39%), NOAA (20%), USGS (29%), US DOE (10%), and BLM (2%).

The federal LIDAR revenues are \$1,556,824 (41% of total federal revenues) driven by FEMA (40%), BLM (46%), and USGS (14%).

The federal fund projected expenditures are \$3,733,388 or 19.4% under the budgeted expense limitation. These FF expenditures consist of DOGAMI staffing and our Lidar vendor costs.

Strong Motion Instrument Fund (SMIF)

As of September 30, 2023

2023-25 Actual Revenue & Expenditures

	Other Funds
Beginning Balance (July 1, 2023)	\$ 220,236
Actual + Projected Revenues	\$ 106,800
Actual + Projected Expenditures	\$ -
SMIF Projected Ending Balance	\$ 327,036

The Strong Motion Instrument Fund: Is starting the new 2023-25 biennium with a balance of \$220,236. The revenues are projected to include six (6) deposits (projects) for a total of \$106,800. These revenues are from developers of large building projects in-lieu of installing seismic instruments in the new buildings. DOGAMI and the University of Oregon have not signed a new agreement to provide the funding for additional equipment for placement into the existing array of seismic sensors.

Mineral Land Regulation & Reclamation (MLRR) Program

As of September 30, 2023

2023-25 Projected Revenue & Expenditures

	Other Funds
MLRR Beginning Balance	\$ 1,212,283
Total Revenues	\$ 5,139,052
Total Expenditures	\$ (5,054,859)
MLRR Ending Balance	\$ 1,296,476

Percent under Expenditure budget -4.3%

Percent of target 6-month operating reserve 99.7%

The MLRR Program – The 2023-25 biennium is projected to have revenues of \$5,139,052 consisting of permits (90.1%), DEQ Transfers (8.0%) and other sources (1.9%). The total expenditure is projected to be \$5,054,859, which is over the current budget expenditure limitation by \$210,185 (-4.3%). The agency will continue to closely monitor our projections and when appropriate, DOGAMI will request an increase in the MLRR Other Fund expenditure limitation. As of this board meeting, MLRR is anticipating an ending balance of \$1,296,476 representing 99.73% of the six-month operating reserve target of \$1,300,000. After FY24, the 6-month operating reserve target will be reviewed and updated.

Reclamation Guarantee Fund

As of September 30, 2023

Beginning 2023-25: 59 Cash Securities	\$	898,288
0 New Securities	\$	-
0 Security Releases	\$	-
Biennium to Date: 59 Cash Securities	\$	898,288

The Reclamation Guarantee Fund retains \$898,288 in cash securities. Since the beginning of the 2023-25 biennium, there has been no new activity.

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

As of September 30, 2023

2023-25 Projected Revenue & Expenditures

	Other Funds
Total Available Revenue	\$ 2,000,000
Total Expenditures	\$ (1,727,615)
MLRR Ending Balance	\$ 272,385

Percent under Expenditure budget 13.6%

The new MLRR ePermitting Fund began this biennium with the Legislative approval of \$2,000,000 for this biennium. This is a separate fund from the MLRR operations. The projected expenditures are for vendor costs (development and hosting), a project manager, and dedicated ISS3 staff member, and existing staff when working directly on the project.

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.

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 authorize 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 go 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 2023

% of Time Spent of 2 years 13%

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	General	Other	Federal	All
	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	-	691,935	(105,503)	586,432					-	-	-	-	-	691,935	(105,503)	586,432				
2023-25 Revenue & Trans	7,383,601	2,016,801	5,522,133	14,922,535	1,461,065	204,586	405,863	2,071,515					5,625,242	1,581,205	3,424,829	10,631,275	7,086,307	1,785,791	3,830,691	12,702,790				
Total Available Revenue	7,383,601	2,719,227	5,522,133	15,624,961	1,461,065	896,522	300,360	2,657,947	20%	33%	5%	17%	5,625,242	1,581,205	3,424,829	10,631,275	7,086,307	2,477,727	3,725,188	13,289,222	96%	91%	67%	85%
Expenditures:																								
<i>Personnel Services</i>	4,493,374	498,731	1,724,145	6,716,250	731,051	97,851	379,335	1,208,238	16%	20%	22%	18%	4,117,987	452,080	1,416,579	5,986,647	4,849,038	549,931	1,795,915	7,194,884	108%	110%	104%	107%
<i>Services & Supplies</i>																								
Instate Travel	74,013	46,167	64,332	184,512	13,773	1,398	6,391	21,563					72,600	3,000	-	75,600	86,373	4,398	6,391	97,163	117%	10%	10%	53%
Out of State Travel	18,964	-	-	18,964	-	500	333	833					45,000	3,000	2,500	50,500	45,000	3,500	2,833	51,333	237%			271%
Employee Training	40,814	9,747	7,804	58,365	9,511	-	4,019	13,530					26,000	-	-	26,000	35,511	-	4,019	39,530	87%	0%	52%	68%
Office Expenses	34,102	-	-	34,102	4,164	-	396	4,559					22,000	-	-	22,000	26,164	-	396	26,559	77%			78%
Telecomm	116,107	-	-	116,107	11,529	-	-	11,529					51,942	-	-	51,942	63,471	-	-	63,471	55%			55%
State Gov't Svc Chg	521,138	-	-	521,138	252,042	-	-	252,042					208,533	-	-	208,533	460,575	-	-	460,575	88%			88%
Data Processing	473,789	-	-	473,789	99,246	-	-	99,246					374,250	-	-	374,250	473,496	-	-	473,496	100%			100%
Publicity & Publications	1,266	5,554	66,952	73,772	-	-	340	340					-	-	5,000	5,000	-	-	5,340	5,340	0%	0%	8%	7%
Professional Services	180,028	1,048,074	3,396,483	4,624,585	57,500	64,228	87,525	209,253					125,500	871,077	1,578,799	2,575,376	183,000	935,305	1,666,324	2,784,628	102%	89%	49%	60%
IT Professional Services	10,213	95,866	-	106,079	-	-	-	-					-	-	-	-	-	-	-	-	0%	0%		0%
Attorney General	22,642	-	-	22,642	1,337	-	-	1,337					100,000	-	-	100,000	101,337	-	-	101,337	448%			448%
Employee Recruitment	2,650	-	-	2,650	-	-	-	-					14,000	-	-	14,000	14,000	-	-	14,000	528%			528%
Dues & Subscriptions	6,750	-	-	6,750	110	-	-	110					2,000	-	-	2,000	2,110	-	-	2,110	31%			31%
Lease Payments & Taxes	524,797	-	10,854	535,651	65,513	-	-	65,513					462,345	-	-	462,345	527,858	-	-	527,858	101%		0%	99%
Fuels & Utilities	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Facilities Maintenance	-	-	-	-	352	-	-	352					5,000	-	-	5,000	5,352	-	-	5,352				
Medical Services	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Agency Related S & S	-	-	-	-	3,301	-	1,607	4,909					377,159	-	-	377,159	380,460	-	1,607	382,068	100%			
Intra agency Charges	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	100%			
Other Services & Supplies	487,665	823,892	240,419	1,551,976	176,266	-	-	176,266					-	-	-	-	176,266	-	-	176,266	36%	0%	0%	11%
Expendable Prop (\$250-\$	23,525	11,210	11,144	45,879	2,188	-	-	2,188					-	-	-	-	2,188	-	-	2,188	9%	0%	0%	5%
IT Expendable Property	249,965	-	-	249,965	12,226	-	-	12,226					-	-	-	-	12,226	-	-	12,226	5%	100%		5%
Technical Equipment	51,799	-	-	51,799	33,859	-	-	33,859					25,000	-	-	25,000	58,859	-	-	58,859	114%			114%
Automotive & Aircraft	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-	100%			
Data Processing Software	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Data Processing Hardware	50,000	-	-	50,000	9,122	-	-	9,122					48,479	-	-	48,479	57,601	-	-	57,601	100%			115%
Other Capital Outlay	-	-	-	-	-	-	-	-					2,361	-	-	2,361	2,361	-	-	2,361				
Indirect	-	-	-	-	(22,026)	11,218	10,755	(53)					(454,914)	131,234	239,808	(83,872)	(476,940)	142,452	250,563	(83,924)				
<i>Total Services & Supplies</i>	2,890,227	2,040,510	3,797,988	8,728,725	730,014	77,344	111,367	918,725	25%	4%	3%	11%	1,507,255	1,008,311	1,826,107	4,341,673	2,237,269	1,085,655	1,937,474	5,260,398	77%	53%	51%	60%
Total Expenditures	7,383,601	2,539,241	5,522,133	15,444,975	1,461,065	175,195	490,702	2,126,962	20%	7%	9%	14%	5,625,242	1,460,392	3,242,686	10,328,319	7,086,307	1,635,587	3,733,388	12,455,282	96%	64%	68%	81%
GS&S Ending Balance	\$ -	\$ 179,986	\$ -	\$ 179,986	\$ -	\$ 721,327	\$ (190,342)	\$ 530,984					\$ -	\$ 120,813	\$ 182,142	\$ 302,956	\$ -	\$ 842,140	\$ (8,200)	\$ 833,940				

\$ 297,294
Under-budget

* Includes the Strong Motion Instrument Fund (SMIF)

6150 TELECOMMUNICATIONS

Department of Geology & Mineral Industries
Budget Status Report: SEPTEMBER 2023

% of Time Spent of 2 years 13%

Mineral Land Regulation & Reclamation (MLRR) Program

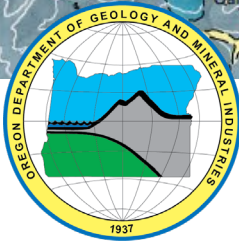
Budget Category / Line Item	2023-25 Budget by Funding Source	2023-25 Actual Revenue & Expenditures	% Actual Budget Spent to Date	2023-25 Projected Revenue & Expenditures	2023-25 Actual + Projected Revenue & Expenditures	Actual + Projected Budget % Total Spent
	Other Funds	Other Funds	OF	Other Funds	Other Funds	OF
Revenue						
Beginning Balance	1,212,283			1,212,283	1,212,283	
2023-25 Revenue & Transfers	4,263,921	2,579,169		2,559,883	5,139,052	
Total Available Revenue	5,476,204	2,579,169	47%	3,772,166	6,351,335	116.0%
Expenditures:						
<i>Personnel Services</i>	3,476,355	1,010,360	29%	3,173,078	4,183,438	120.3%
<i>Services & Supplies</i>						
Instate Travel	87,500	7,737		28,800	36,537	41.8%
Out of State Travel	-	-		5,000	5,000	
Employee Training	38,416	2,449		3,000	5,449	14.2%
Office Expenses	37,512	5,769		14,500	20,269	54.0%
Telecomm	52,491	8,722		31,338	40,060	76.3%
State Gov't Svc Chg	-	-		-	-	
Data Processing	88,330	-		36,000	36,000	40.8%
Publicity & Publications	4,999	600		1,000	1,600	32.0%
Professional Services	611,498	86,607		205,000	291,607	47.7%
IT Professional Services	-	-		-	-	
Attorney General	145,852	60,864		180,000	240,864	165.1%
Employee Recruitment	-	-		-	-	
Dues & Subscriptions	3,674	190		-	190	5.2%
Lease Payments & Taxes	89,118	18,044		52,839	70,883	79.5%
Fuels & Utilities	14,128	3,225		12,600	15,825	112.0%
Facilities Maintenance	13,042	2,932		7,596	10,528	80.7%
Medical Services	-	-		-	-	
Agency Related S & S	-	238		480	718	
Intra agency Charges	-	-		-	-	
Other Services & Supplies	128,539	160		-	160	0.1%
Expendable Prop (\$250-\$500)	20,437	10,664		-	10,664	52.2%
IT Expendable Property	32,783	392		750	1,142	3.5%
Technical Equipment	-	-		-	-	
Automotive & Aircraft	-	-		-	-	
Data Processing Software	-	-		-	-	
Data Processing Hardware	-	-		-	-	
Other Capital Outlay	-	-		-	-	
Indirect	-	14,112		69,812	83,924	
<i>Total Services & Supplies</i>	1,368,319	222,706	16%	648,715	871,421	63.7%
Total Expenditures	4,844,674	1,233,066	25%	3,821,793	5,054,859	104.3%
MLRR Ending Balance	631,530	\$ 1,346,103		\$ (49,627)	\$ 1,296,476	

Department of Geology & Mineral Industries
Budget Status Report: SEPTEMBER 2023

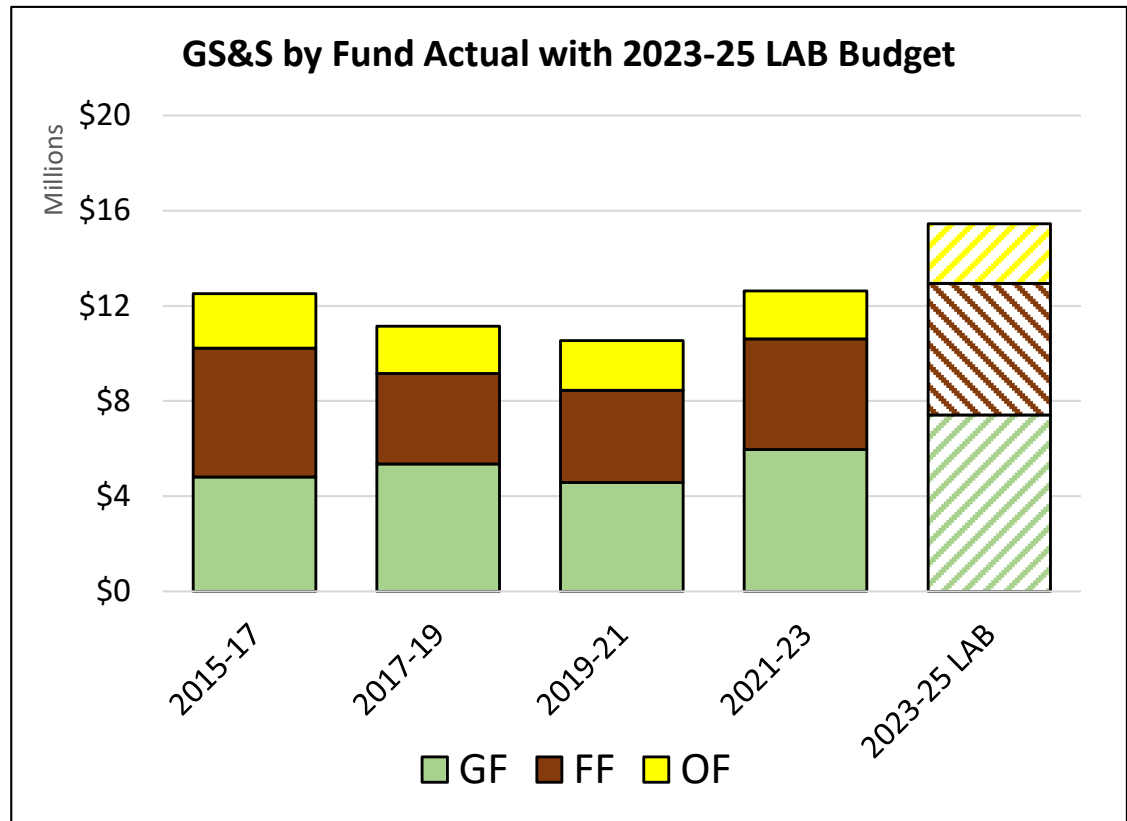
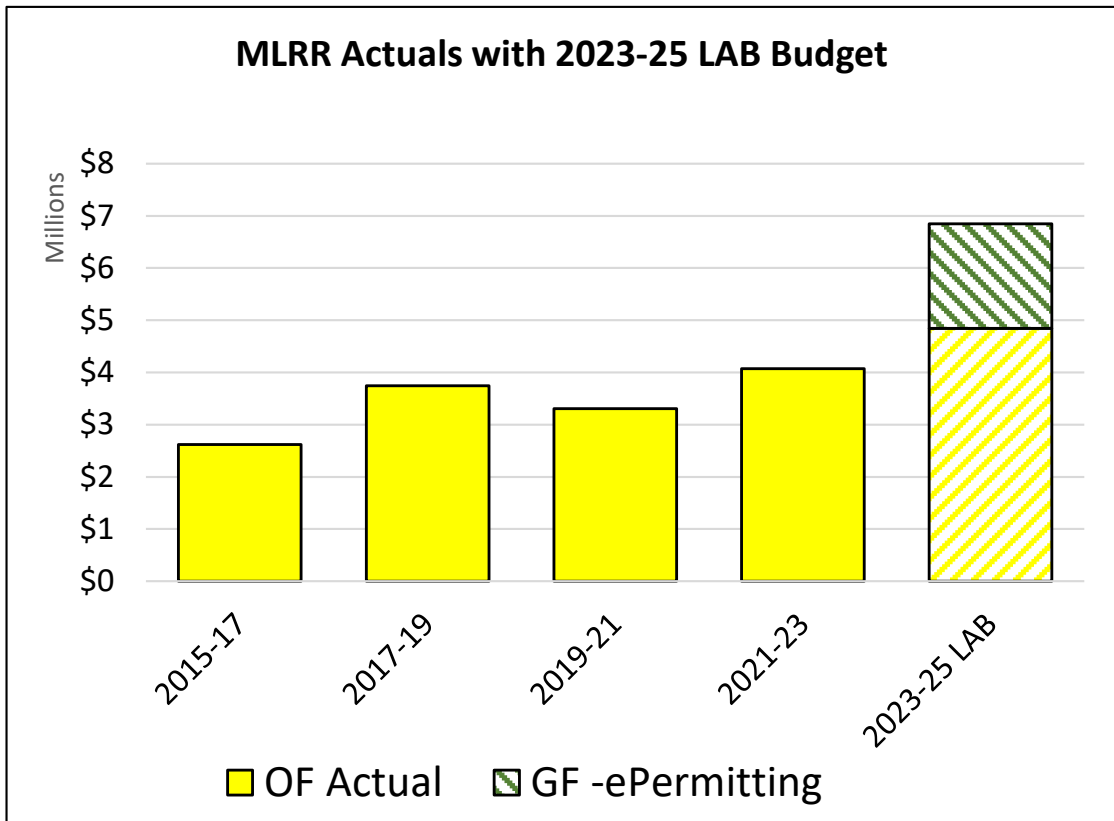
Other programs

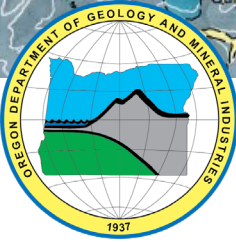
Geological Survey & Services	
Strong Motion Instrument Fund (SMIF)	
	Projected Revenue & Expenditures
Revenue:	
Beginning Balance	220,236
Actual Revenues (Jul 2023 - Sept 2023)	-
Projected Revenues	106,800
Total Available Revenue	327,036
Expenditures:	
<i>Actual Personnel Services</i>	-
<i>Services & Supplies:</i>	
Projected Professional Services	-
Total Expenditures	-
SMIF Ending Balance	\$ 327,036

Mineral Land Regulation & Reclamation	
Reclamation Guarantee Fund	
	Beginning 2023-25
58 Cash Security's	\$ 898,288
0 New Securities	\$ -
0 Security releases	\$ -
66 Cash Security's	\$ 898,288



Biennium Actuals 2015-17 through 2021-23 with 2023-25 LAB Budget

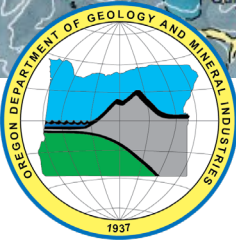




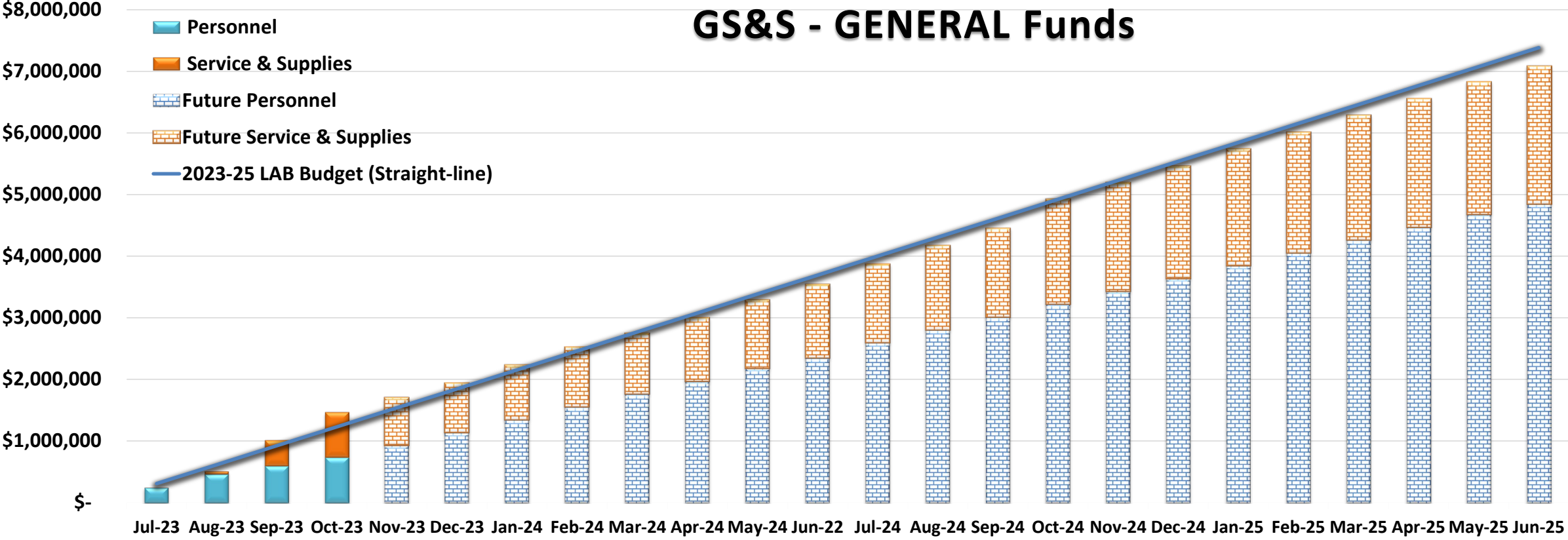
GS&S GENERAL FUND - Appn 89707 Appropriation: \$7,383,601	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection
		Actuals to Date	% Spent		
Revenue:					
GF Appropriation	\$ 7,383,601	\$ 7,383,601	N/A		
Expenditures:					
Personal Services	\$ 4,493,374	\$ 731,051	16%	\$ 4,849,038	\$ (355,664)
Services and Supplies	\$ 2,788,428	\$ 687,033	25%	\$ 2,118,447	\$ 669,981
Capital Outlay	\$ 101,799	\$ 42,982	42%	\$ 118,822	\$ (17,023)
Total Expenditures	\$ 7,383,601	\$ 1,461,065	20%	\$ 7,086,307	\$ 297,294
				Net Position	\$ 297,294
				(Left in Limitation)	Within Budget

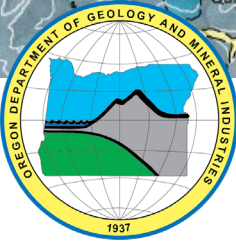
Expenditures under budget % >>

4.0%

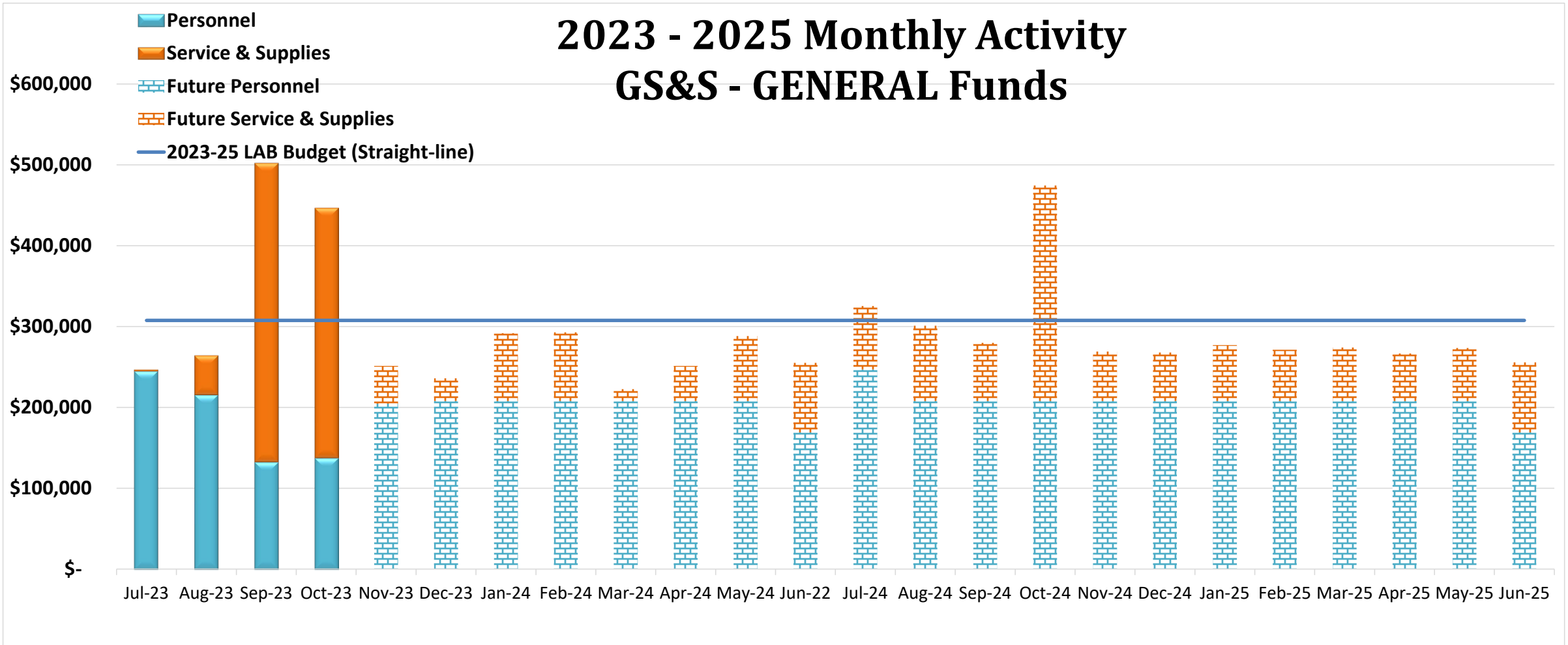


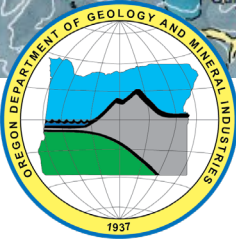
2023 - 2025 Running Balance: Budget to Spending GS&S - GENERAL Funds





2023 - 2025 Monthly Activity GS&S - GENERAL Funds

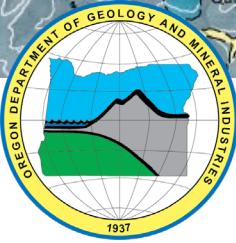




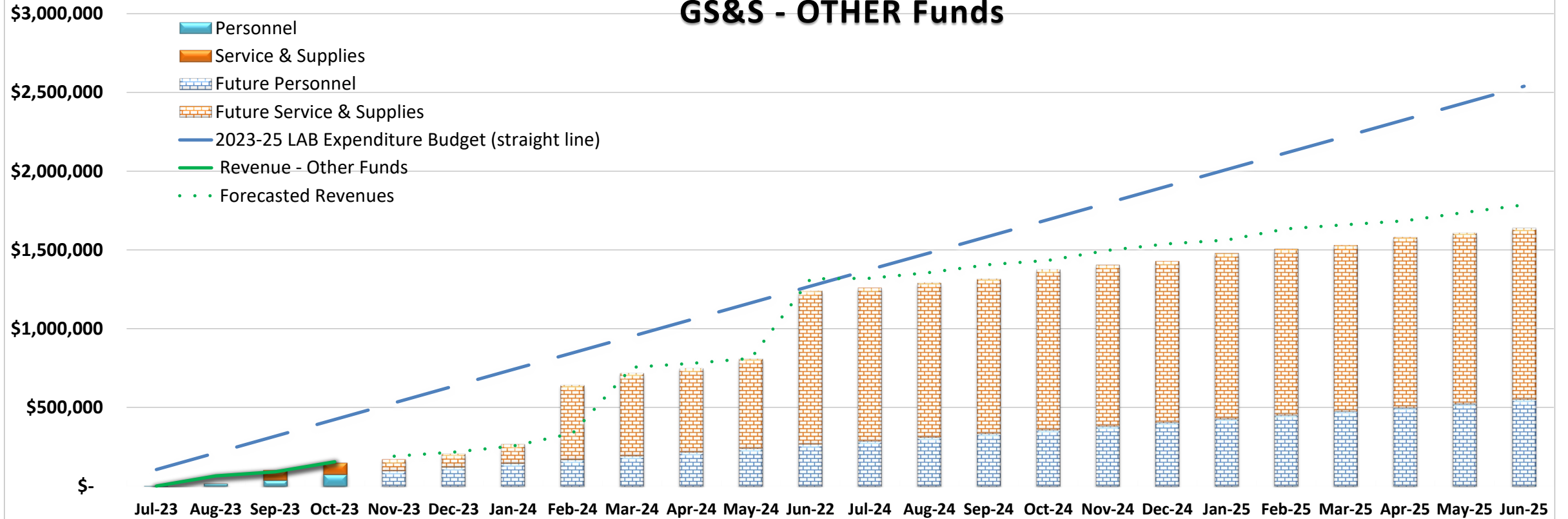
GS&S OTHER FUND - Appn 30208 Appropriation: \$2,539,241	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection
		Actuals to Date	% Spent		
Beginning Balance:					
Beginning Balance	\$ 702,426	\$ 691,935	N/A	\$ 691,935	\$ 10,491
Revenue:					
Revenue	\$ 2,016,801	\$ 204,586	N/A	\$ 1,785,791	\$ (231,010)
Expenditures:					
Personal Services	\$ 498,731	\$ 97,851	20%	\$ 549,931	\$ (51,200)
Services and Supplies	\$ 2,040,510	\$ 77,344	4%	\$ 1,085,655	\$ 954,855
Capital Outlay	\$ -	\$ -	0%	\$ -	\$ -
Total Expenditures	\$ 2,539,241	\$ 175,195	7%	\$ 1,635,587	\$ 903,654
				Net Position	\$ 842,140
				(Projected Ending Cash)	Within Budget

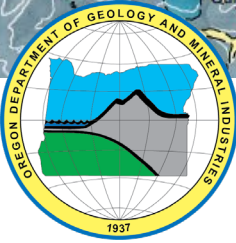
Expenditures under budget % >>

35.6%

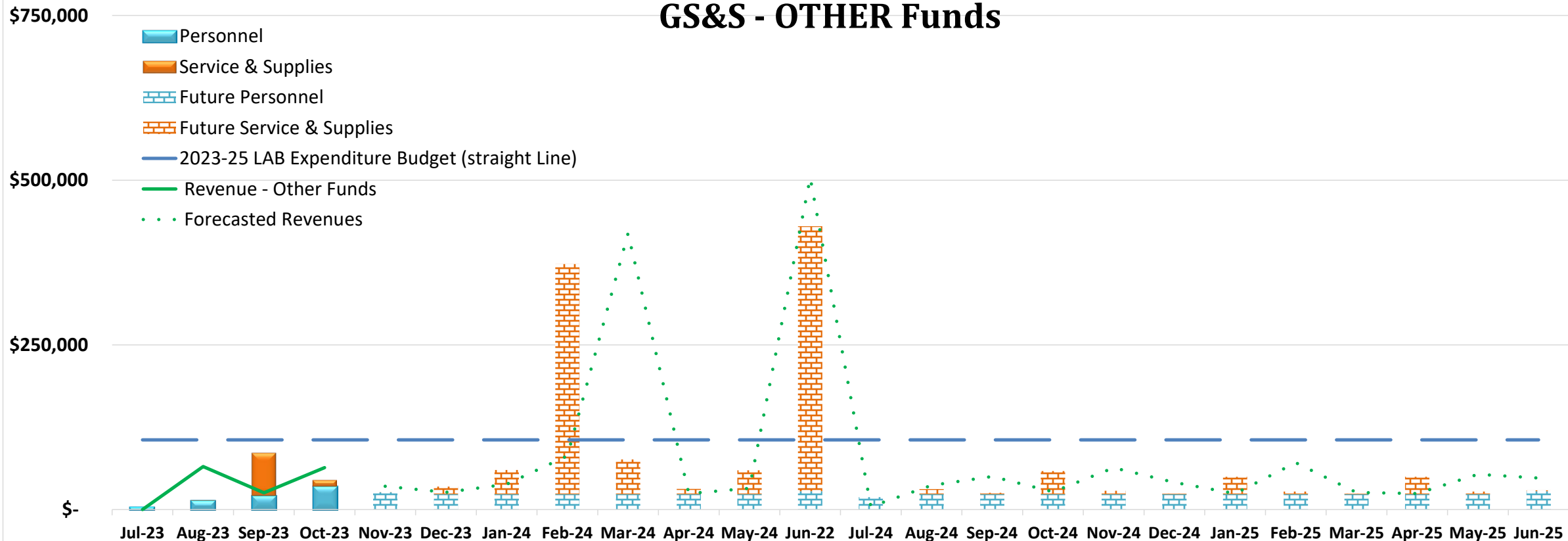


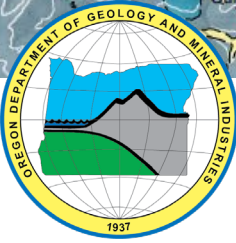
2023 - 2025 Running Balance: Budget to Spending GS&S - OTHER Funds





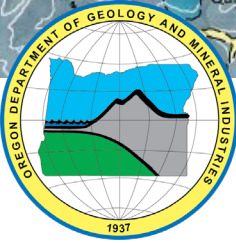
2023 - 2025 Monthly Activity GS&S - OTHER FUNDS



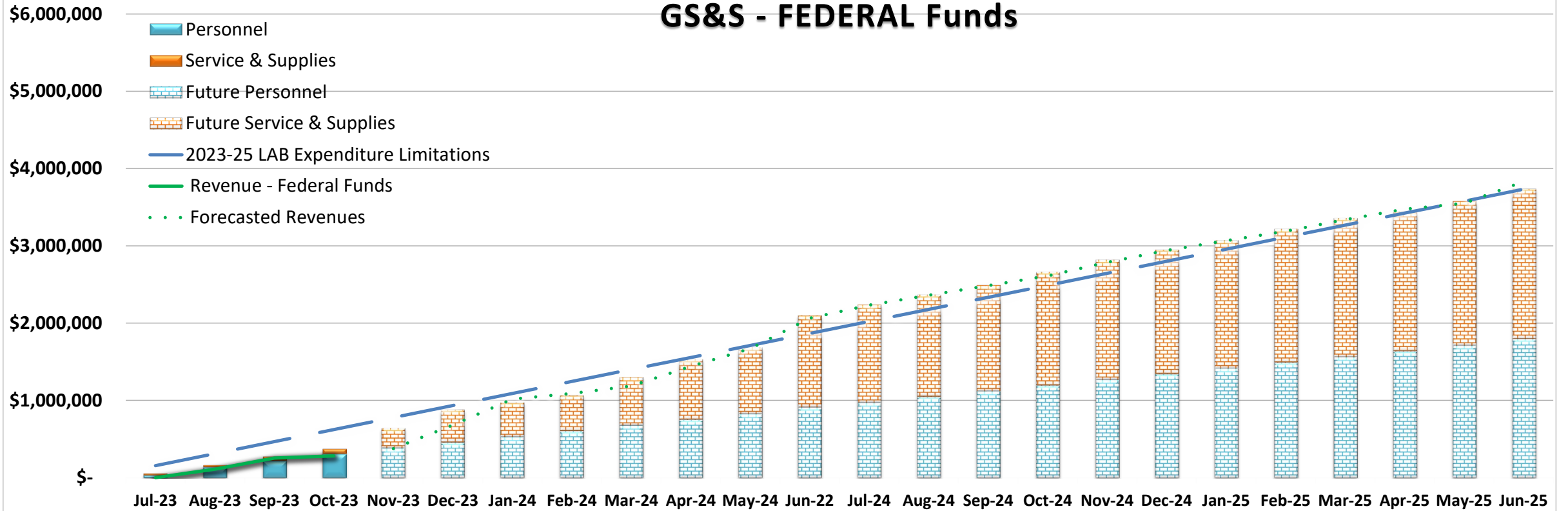


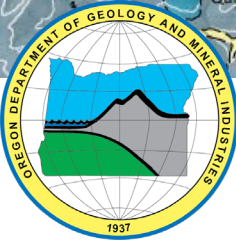
GS&S FEDERAL FUND - Appn 60207	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection
		Actuals to Date	% Spent		
Appropriation: \$5,522,133					
Beginning Balance:					
Beginning Balance	\$ -	\$ (105,503)	N/A	\$ (105,503)	\$ 105,503
Revenue:					
Revenue	\$ 5,522,133	\$ 405,863	N/A	\$ 3,830,691	\$ (1,691,442)
Expenditures:					
Personal Services	\$ 1,724,145	\$ 379,335	22%	\$ 1,795,915	\$ (71,770)
Services and Supplies	\$ 3,797,988	\$ 111,367	3%	\$ 1,937,474	\$ 1,860,514
Capital Outlay	\$ -	\$ -	0%	\$ -	\$ -
Total Expenditures	\$ 5,522,133	\$ 490,702	9%	\$ 3,733,388	\$ 1,788,745
				Net Position	\$ (8,200)
				(Projected Ending Cash)	Within Budget

Expenditures under budget % >> 32.4%

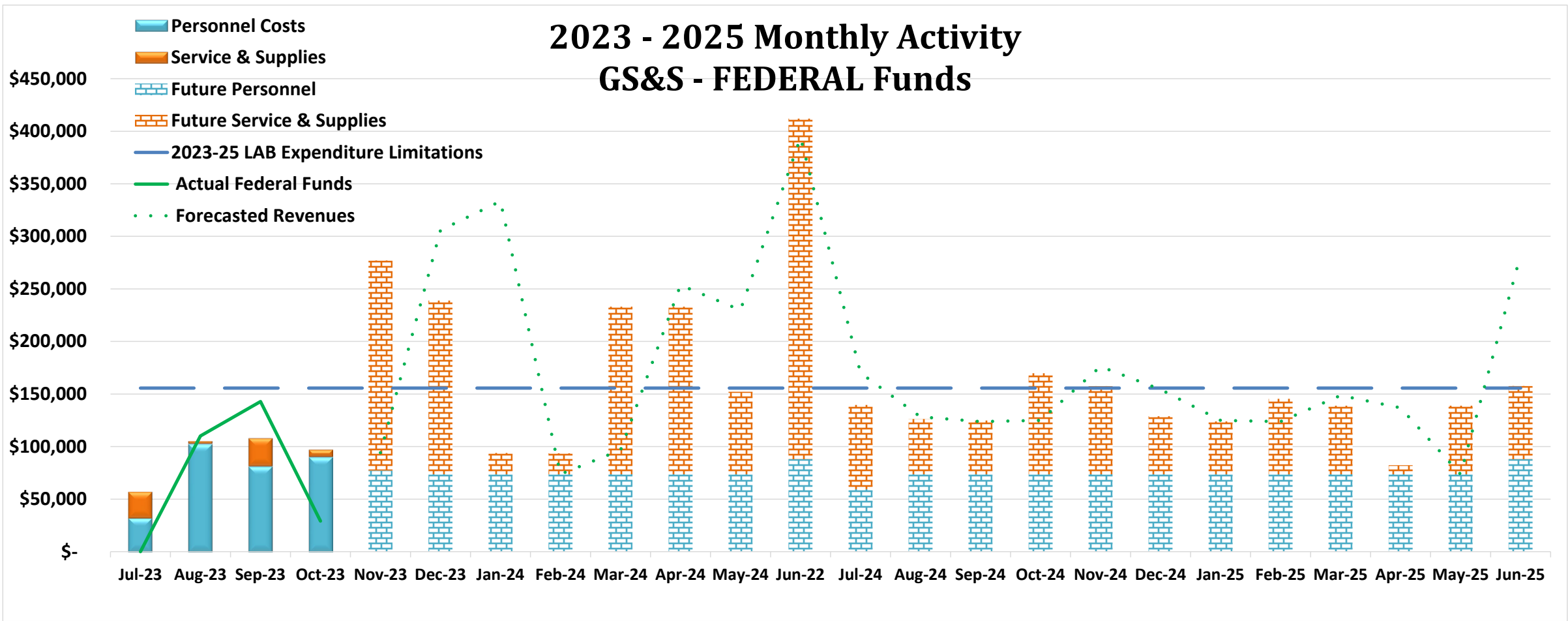


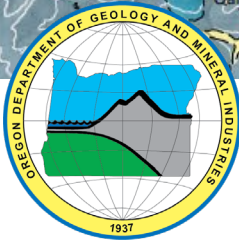
2023 - 2025 Running Balance: Budget to Spending GS&S - FEDERAL Funds





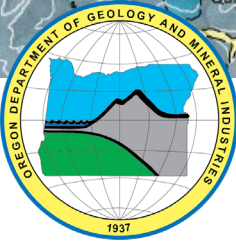
2023 - 2025 Monthly Activity GS&S - FEDERAL Funds



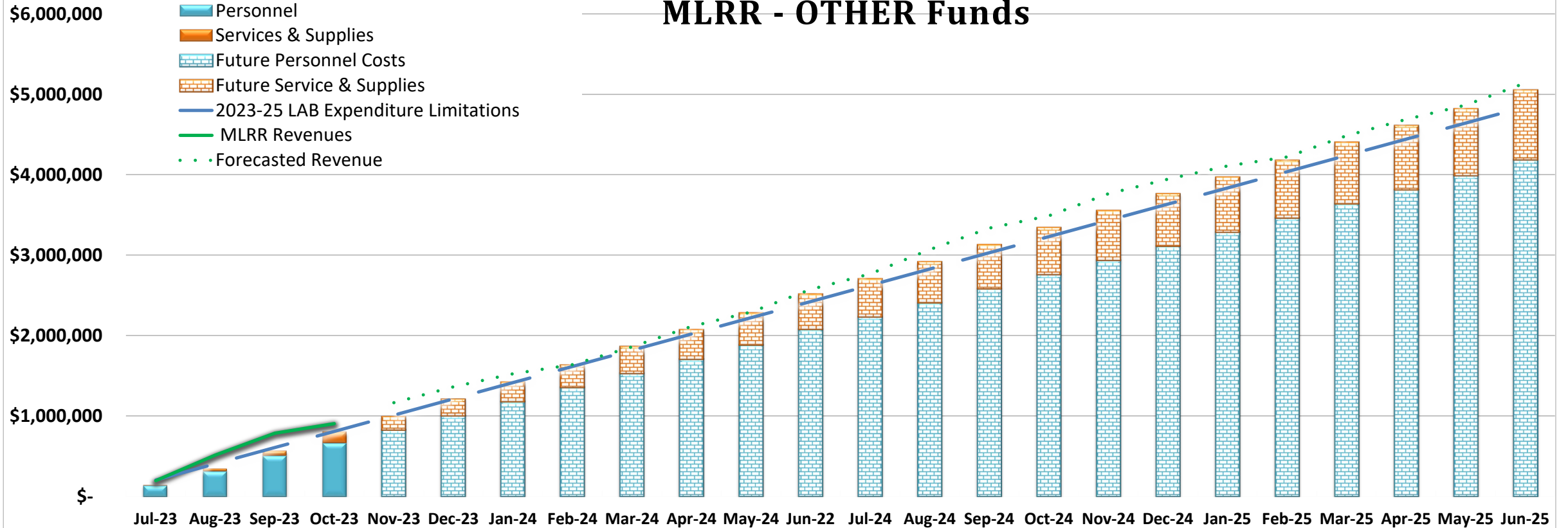


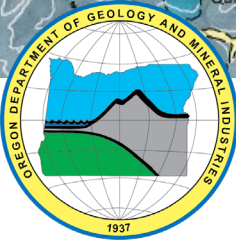
MLRR - OTHER FUND - Appn 30210	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection
		Actuals to Date	% Spent		
Appropriation: \$4,844,674					
Beginning Balance:					
Beginning Balance	\$ 346,829	\$ 1,212,283	N/A	\$ 1,212,283	\$ (865,454)
Revenue:					
Revenue	\$ 5,129,375	\$ 1,366,886	N/A	\$ 5,139,052	\$ 9,677
Expenditures:					
Personal Services	\$ 3,476,355	\$ 1,010,360	29%	\$ 4,183,438	\$ (707,083)
Services and Supplies	\$ 1,368,319	\$ 222,706	16%	\$ 871,421	\$ 496,898
Capital Outlay	\$ -	\$ -	0%	\$ -	\$ -
Total Expenditures	\$ 4,844,674	\$ 1,233,066	25%	\$ 5,054,859	\$ (210,185)
				Net Position	\$ 1,296,476
Future - Anticipate to request an increase in expenditure limitation				(Projected Ending Cash)	Over Budget

Expenditures under budget % >> -4.3%

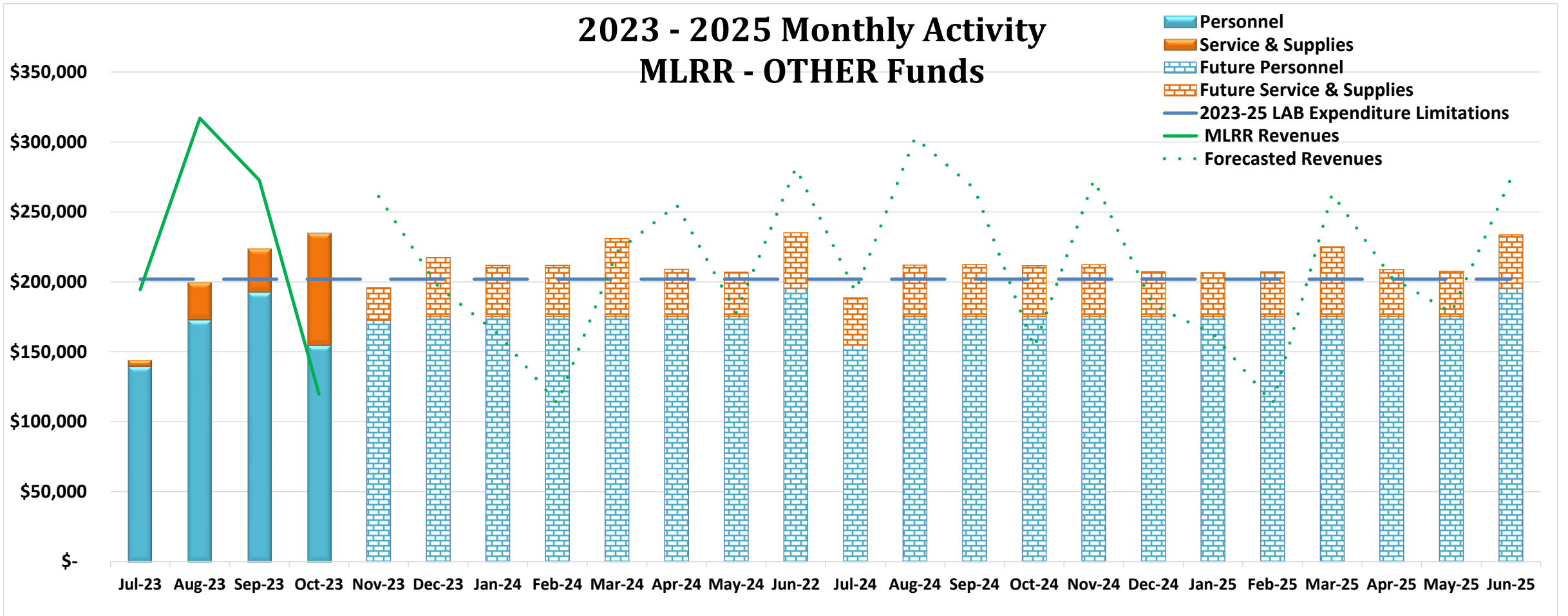


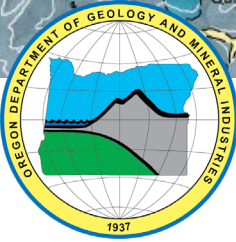
2023 - 2025 Running Balance: Budget to Spending MLRR - OTHER Funds





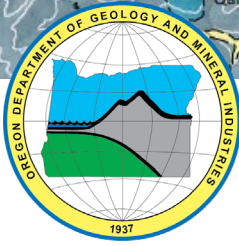
2023 - 2025 Monthly Activity MLRR - OTHER Funds





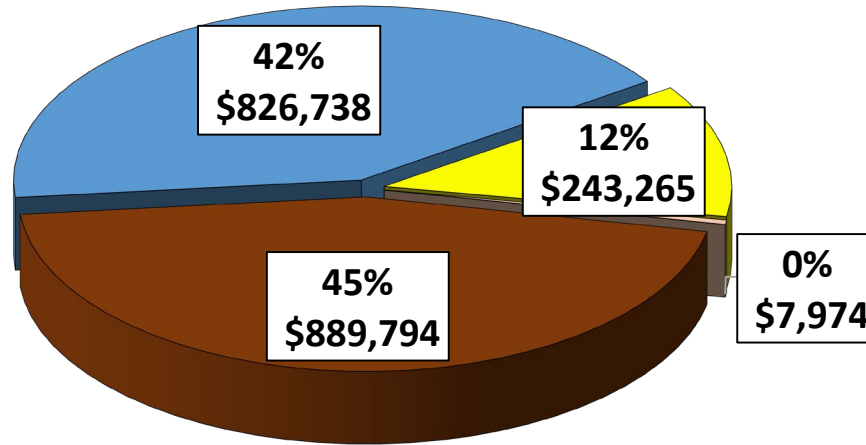
MLRR - GENERAL FUND - Appn 80210	Legislative Adopted Budget	Revenue & Expenditures		Projections	Difference Budget to Projection
		Actuals to Date	% Spent		
Appropriation: \$2,000,000					
Revenue:					
GF Appropriation:	\$ 2,000,000	\$ 2,000,000	N/A		
Expenditures:					
Personal Services	\$ 600,419	\$ 40,424	7%	\$ 404,317	\$ 196,102
Services and Supplies	\$ 1,399,581	\$ 77,545	6%	\$ 1,353,299	\$ 46,282
Capital Outlay	\$ -	\$ -	0%	\$ -	\$ -
Total Expenditures	\$ 2,000,000	\$ 117,969	6%	\$ 1,757,615	\$ 242,385
				Net Position	\$ 242,385
ePermitting Project				(Projected Ending Cash)	Within Budget

Expenditures under budget % >> 12.1%



GS&S Federal (Non-Lidar) Grant Revenues

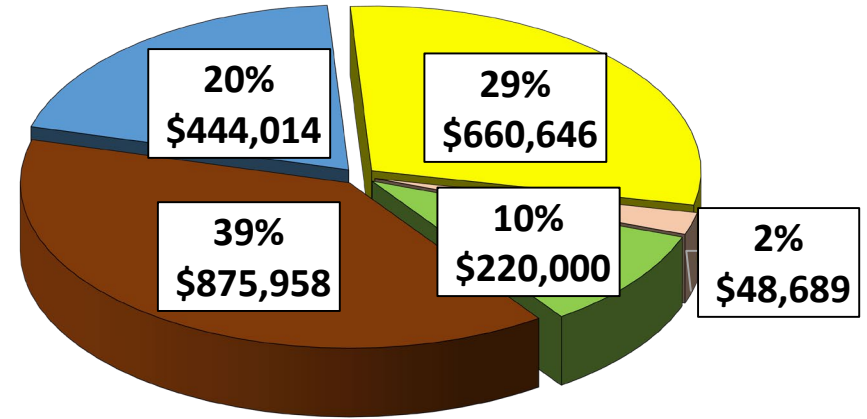
**2021-23 Federal Funders
Actual Revenues \$2.0M**



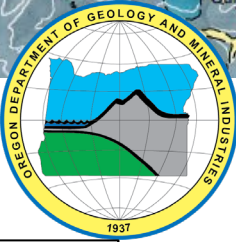
BLM FEMA NOAA USGS



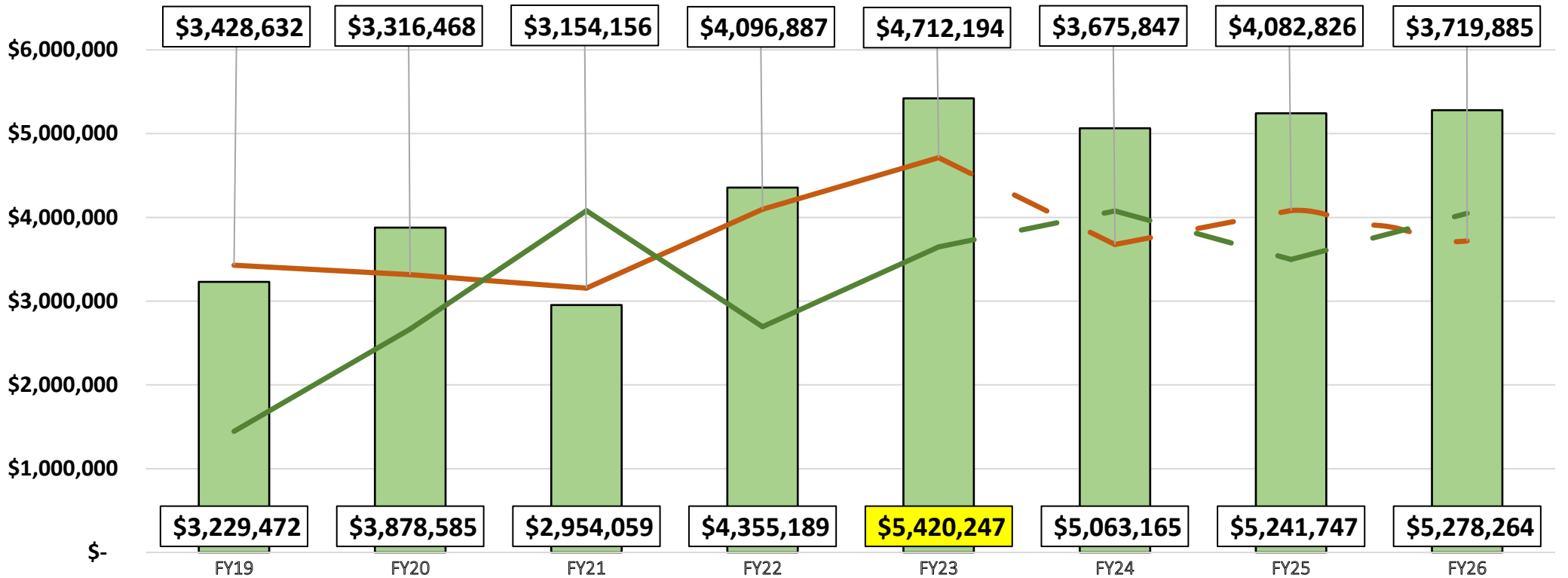
**2023-25 Federal Funders Projected
(Non-Lidar) Revenue \$2.2M**



BLM DOE FEMA NOAA USGS

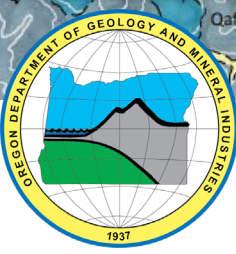


2019-25 GS&S Grants - Revenue, Awards, Balance - Actual + Forecast



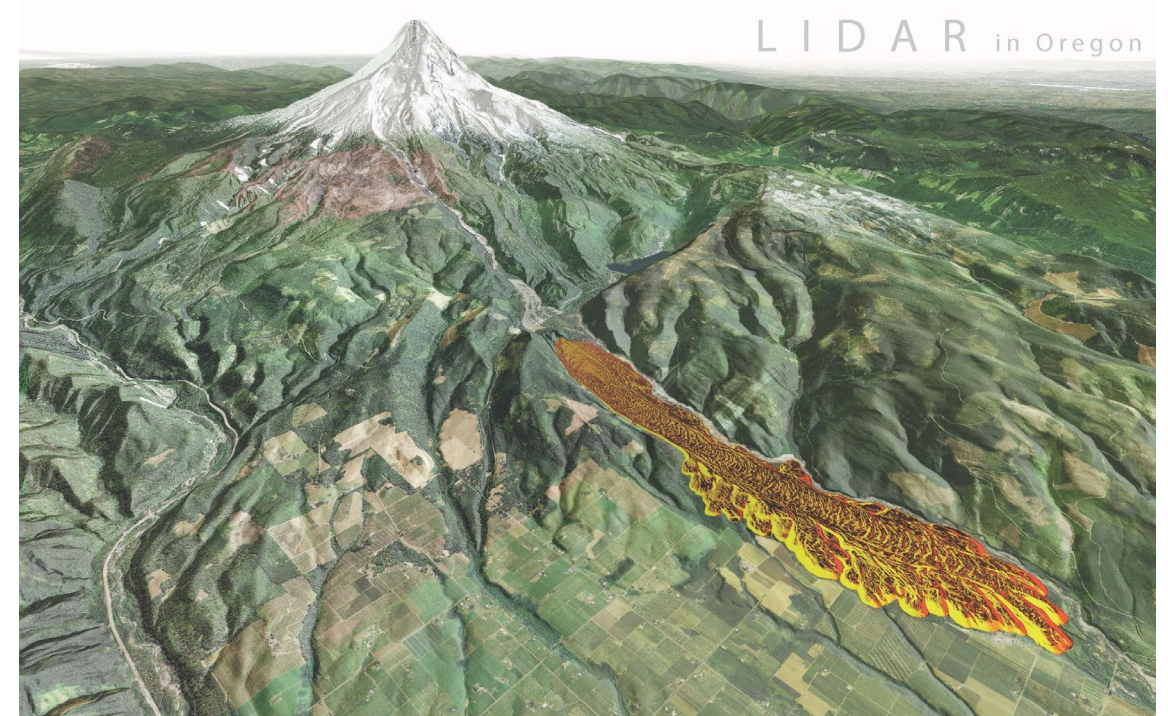
 TOTAL ENDING BALANCE	\$3,229,472	\$3,878,585	\$2,954,059	\$4,355,189	\$5,420,247	\$5,063,165	\$5,241,747	\$5,278,264
 TOTAL AWARDS	\$3,428,632	\$3,316,468	\$3,154,156	\$4,096,887	\$4,712,194	\$3,675,847	\$4,082,826	\$3,719,885
 TOTAL REVENUE DRAWS	\$1,446,168	\$2,667,356	\$4,078,681	\$2,695,758	\$3,647,135	\$4,076,967	\$3,497,266	\$4,046,308

 TOTAL ENDING BALANCE
  TOTAL AWARDS
  TOTAL REVENUE DRAWS



Summary

- DOGAMI is doing well and has a very healthy outlook and grant balance.
- Business Office continues to track all the revenues and expenses.
- The agency is driving toward continued success.
- DOGAMI is working with our Federal & State agencies on future projects.
- DOGAMI is working closely with our CFO/LFO analysts, DAS, and the Governors Office.
- The future is bright!



Staff Report and Memorandum

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

From: Vaughn Balzer, MLRR Floodplain Mining Reclamationist and DOGAMI Rules Coordinator

Date: November 29, 2023

Regarding: Agenda Item 7 – Rule Writing

Vaughn Balzer, MLRR Floodplain Mining Reclamationist and DOGAMI Rules Coordinator, will present the following topics:

- 1) Request for DOGAMI Governing Board approval of final draft rule text for OAR 632-030-0056
- 2) Request for DOGAMI Governing Board approval to file the final permanent rule with an effective date of March 1, 2024, assuming there is not change to the rule text per the first request under this agenda item. If there are any changes in the text of the rule DOGAMI will seek additional approval at the March 2024 DOGAMI Governing Board meeting or a subsequent DOGAMI Governing Board meeting.

Proposed Board Action: The Board will be asked to take an action on this item.

632-030-0056

Appeals

(1) Prior to the initiation of an administrative appeal of any proposed Departmental order, notice, fee, or other proposed action made pursuant to the Act or the rules adopted thereunder, the applicant or permittee may first request that the State Geologist informally review and resolve the matter. The State Geologist will provide a written decision within 30 days of receipt of such an informal request. If the State Geologist is unable to resolve the informal request, the applicant or permittee may request a contested case hearing by the Board or its designee for final resolution of the matter. Appeals must be filed within 30 days of receipt of the proposed order, notice, other proposed action being appealed, or receipt of State Geologist written decision except as otherwise provided by OAR 632-030-0030(4) and by the applicable provisions of 183.310 through 183.550. A final determination by the Board must be made before any appeal for judicial review under ORS 183.480 is allowed.

(2) An applicant or permittee requesting a hearing for consideration of any appeal of any proposed action shall state the reasons for requesting the hearing and the objections to the Department's proposed order, notice, fee, or other proposed action in accordance with ORS 183.430–183.470.

(3) The Department may suspend operations effective immediately in accordance with ORS 517.880 by issuing a suspension order. A suspension order shall be issued as a final order in other than a contested case subject to judicial review under ORS 183.484.

Statutory/Other Authority: ORS 516.090(2)(a), 517.740, 517.840(4) & 517.880

Statutes/Other Implemented: ORS 517.890

History:

DGMI 1-2009, f. & cert. ef. 5-15-09

DGMI 1-1999, f. & cert. ef. 1-7-99

GMI 1-1988, f. 3-30-88, cert. ef. 3-11-88

GMI 2-1985, f. 11-19-85, ef. 11-20-85

GMI 2-1982, f. & ef. 8-13-82

GMI 1-1980, f. 2-29-80, ef. 3-1-80

GMI 7, f. 11-7-74, ef. 12-11-74

Staff Report and Memorandum

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

From: Sarah Lewis, MLRR Program Manager

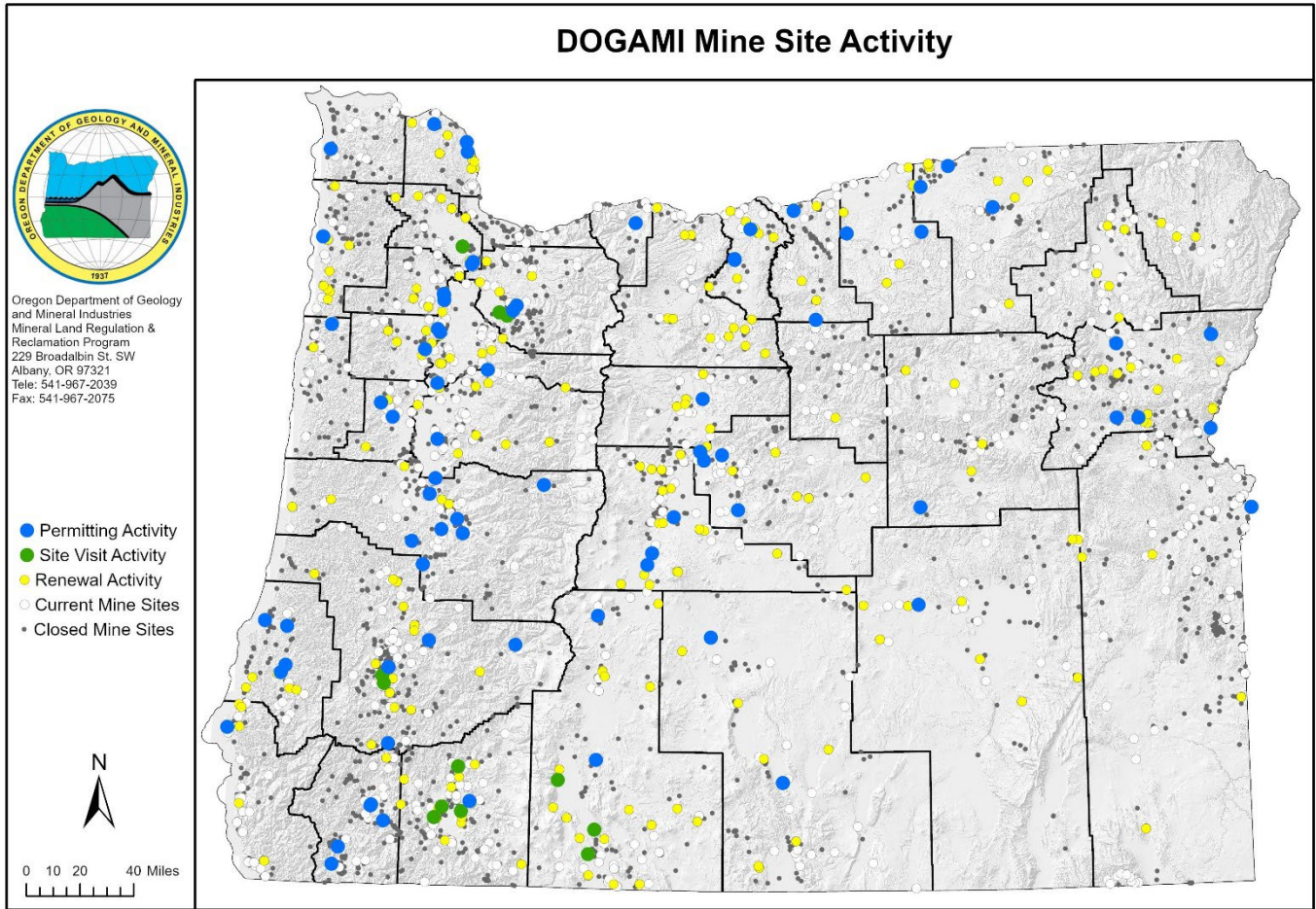
Date: November 28, 2023

Regarding: Agenda Item 8 – 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

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



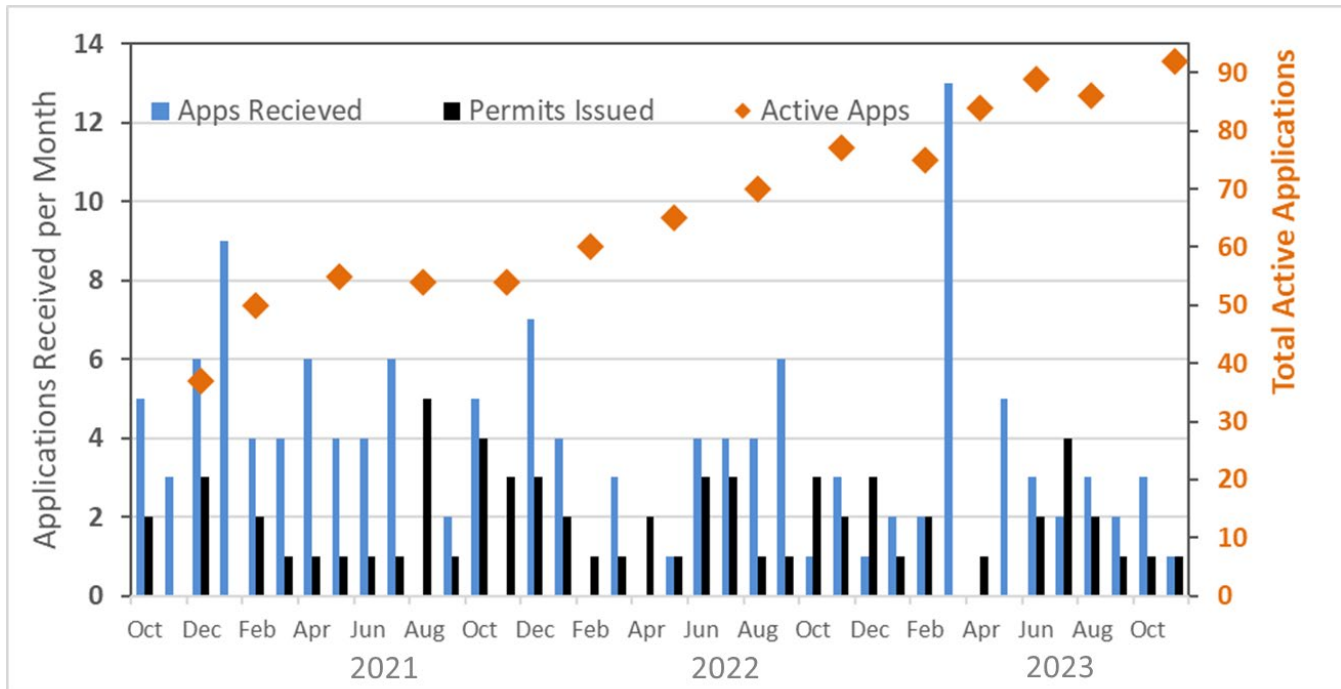
Prepared By: E. Buchner / 11-27-2023

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 11/17/2023)

	Jan – Mar 2023		Apr - Jun 2023		Jul - Sep 2023		Oct – Dec 2023	
	Permits	Apps	Permits	Apps	Permits	Apps	Permits	Apps
Surface Mining								
Operating Permits	878	69	878	76	878	72	878	78
Exclusion Certificates	143	3	143	1	145	0	143	2
Sites Closed	0	3	0	3	0	5	4	1
Stormwater (DEQ)								
1200A Permits	156	8	156	8	156	9	156	9
WPCF 1000 Permits	47	4	51	2	53	2	51	2
Exploration	22	6	23	18	26	14	28	14
Oil & Gas Wells	89	0	83	1	83	1	81	2
Geothermal								
Well Permits	21	0	21	0	21	0	21	0
Prospect Wells	4	0	4	0	4	0	4	0

Figure 2: Operating and Exploration Permit Application Workload (as of 11/17/23)



The average processing time for an application completed during the last year was 10 months.

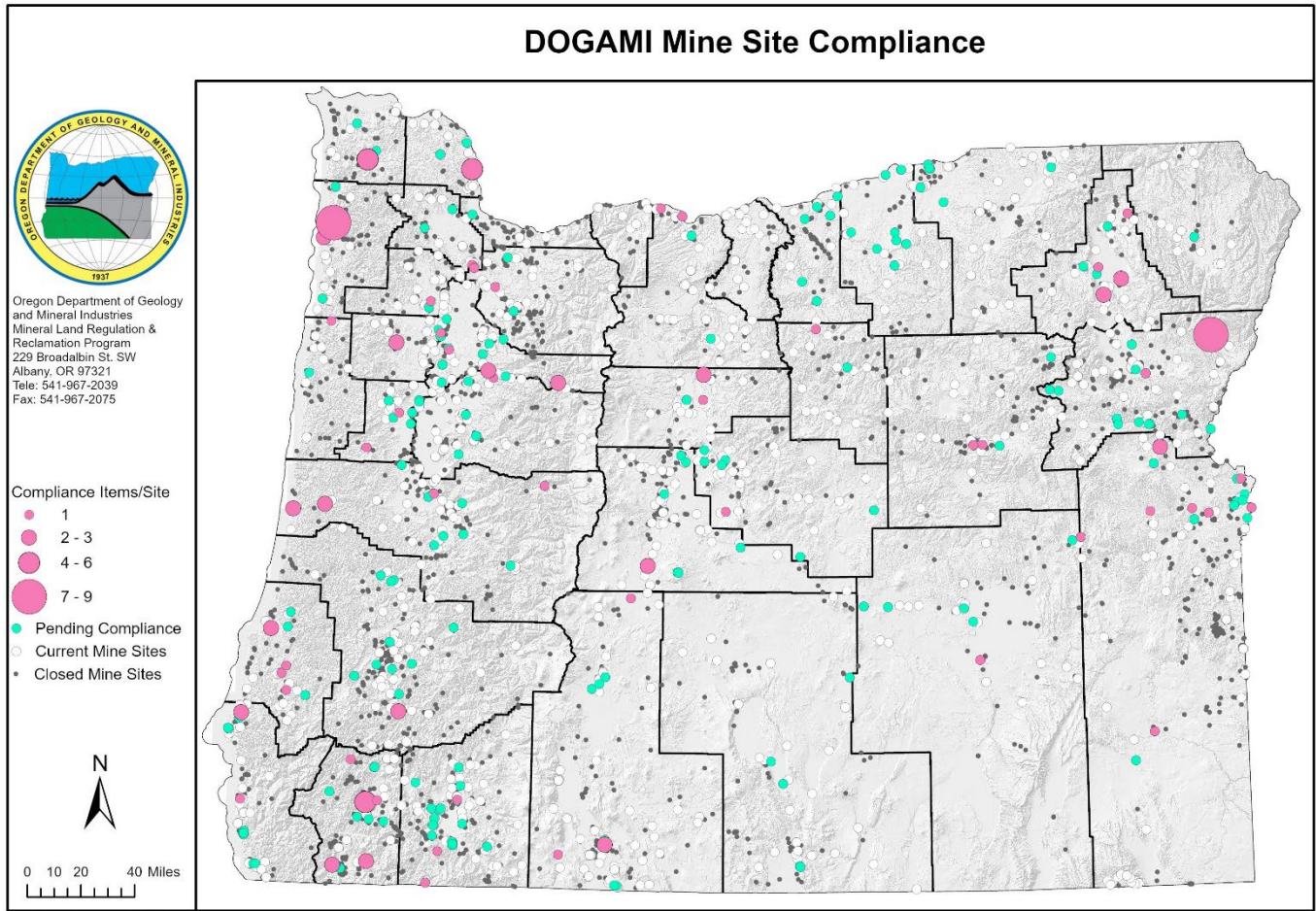
Table 2a: Permit Applications received since last update:

Site ID#	Application Type	Permit Type	Date Received
06-0094	New	OP	9/14/2023
07-0159	Amendment	OP	9/25/2023
08-0110	New	EC	9/25/2023
08-0111	New	EC	9/25/2023
17-0157	New	OP	10/2/2023
01-0221	Amendment	XP	10/13/2023
17-0161	New	EC	10/13/2023
22-0013	Transfer	LE	10/17/2023
31-0078	New	EC	10/23/2023
19-0124	New	OP	11/6/2023

Table 2b: Permits Issued since last update:

Site ID#	Application Type	Permit Type	Date Received	Date Issued
23-0293	New	XP	11/7/2022	9/14/2023
31-0076	New	XP	3/8/2023	10/3/2023
08-0110	New	EC (denied)	9/25/2023	10/20/2023
08-0111	New	EC (denied)	9/25/2023	10/20/2023
34-0007	Transfer	OP-LE	12/15/2021	11/9/2023
30-0134	New	EC	9/11/2023	11/15/2023
31-0078	New	EC	10/23/2023	11/21/2023

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 11/17/2023)

	2021	2022				2023			
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
Non-Payment of Fees	25	28	26	24	27	34	34	45	29
Exploring Without a Permit	2	2	2	2	0	0	1	1	0
Mining Without a Permit	23	22	13	13	13	13	14	14	14
Mining Outside Permit Boundary	13	13	18	18	19	19	22	22	20
Lack of Approval	4	4	4	4	4	4	4	4	4
Failure to Comply with Order	9	9	8	8	9	9	9	13	16
Permit Boundary Survey Map	5	5	5	5	5	5	5	5	5
Boundary Marking Violation	5	5	4	4	4	4	4	4	4
Permit Condition Violation	5	5	5	5	9	9	13	13	7
Reclamation Security	7	7	6	7	7	7	7	7	5
Failure to Reclaim Timely	2	2	1	1	1	1	1	1	1
Total	100	102	92	91	98	105	114	129	105

Table 3b: Compliance Summary – Active Department Orders by Type (*as of 11/17/2023*)

Total Active Department Orders		
Order Types	Administrative Orders (<i>change since last report</i>)	Environmental/Permit Orders (<i>change since last report</i>)
Notice of Violation	26 (-12)	29 (-1)
Suspension Order*	2	11 (-5)
NCP Referral	14	2
Notice of Civil Penalty	7 (+2)	2 (+1)
Final Order	2 (+1)	0
Consent Order	0	1
Demand Warning	0	0
Notice of Intent	2	0
Demand to Recover	0	0
Notice of Action	1	8

Table 3c: Compliance Summary – Active Suspension Orders (*11/17/2023*)

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
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

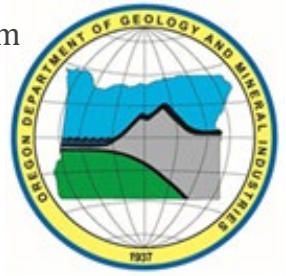
Non-Payment of Renewal Fee – Civil Penalty Fact Pattern Matrix (*as of 11/21/2023)

#	Site ID	Timeline			Days in violation (total)	Late Pay History		Mitigating Factors, Other Considerations (status)	Penalty Amount				
		Renewal Fee Due	Renewal Fee Paid	Civil Pen. Paid		Freq. of occurrence	Length of delay		Max (\$1000/day)	Standard	Staff Recc.	*State Geologist Approved	
51	13-0083	8/31/23	-	-	22 (82)	1/3 yr	TBD		\$22,000	\$250	\$250	\$250	\$250
50	30-0023	6/30/23	9/28/23	-	30 (90)	2/3 yr	~3 mos	Issued \$250 penalty in 2020	\$30,000	\$500	\$500	\$500	\$500
49	15-0098	4/30/23	9/22/23	-	85 (145)	1/3 yr	~1-2 mos.		\$85,000	\$250	\$250	\$250	\$250
48	03-0115	2/28/23	5/15/23	-	16 (76)	1/3 yr	~1-2 mos.		\$16,000	\$250	\$250	\$250	\$250
47	17-0160	12/31/22	5/4/23	-	64 (124)	None	None		\$64,000	\$250	\$250	\$250	\$250
46	20-0068	12/31/22	-	-	265 (325)	None	None		\$265,000	\$250	\$250	\$250	\$250
45	32-0040	11/30/22	2/28/23	10/7/23	31 (91)	None	None		\$31,000	\$250	\$250	\$250	\$250
44	20-0129	10/31/22	4/19/23	-	110 (170)	4/22 yr	~1-2 mos.		\$110,000	\$250	\$250	\$250	\$250
43	02-0005	9/30/22	4/10/23	-	132 (192)	None	None		\$132,000	\$250	\$250	\$250	\$250
42	36-0062	9/30/22	6/9/2023	10/4/23	193 (253)	1/8 yr	>60 days	Issued \$250 penalty in 2022	\$193,000	\$500	\$500	\$500	\$500
41	31-0007	8/31/22	-	-	388 (448)	11/13 yr	2-9 mos.		\$388,000	\$250	\$250	\$250	\$250
40	20-0166	7/31/22	11/15/22	10/10/23	48 (108)	2/3 yr	< 60 days	Paid at the end of the NOV deadline the last two years	\$48,000	\$250	\$250	\$250	\$250
39	17-0056	4/30/22	-	-	510 (570)	2/3 yr	2-5 mos.	Issued \$500 penalty in 2021	\$510,000	\$750	\$750	\$750	\$750
38	31-0005	2/28/22	-	-	571 (631)	1/3 yr	2-6 mos.		\$571,000	\$250	\$250	\$250	\$250
37	12-0074	10/31/21	3/9/22	-	69 (129)	None	None		\$69,000	\$250	\$250	\$250	\$250
36	18-0033	10/31/21	-	-	691 (751)	2/3 yr	~3 mos.	Penalty waived in 2020	\$691,000	\$500	\$500	\$500	\$500
35	36-0062	9/30/21	2/22/22	10/4/23	85 (145)	None	None		\$85,000	\$250	\$250	\$250	\$250
34	29-0074	9/30/21	1/20/22	10/27/23	53 (113)	1/3 yr	1 mo.	Paid on NOV last 3 years	\$53,000	\$250	\$250	\$250	\$250
33	29-0040	8/31/21	-	-	752 (812)	2/3 yr	4-13 mos.	Issued \$500 penalty in 2020	\$752,000	\$750	\$750	\$750	\$750

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

ENGAGE

Fall 2023



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

Now is the calm before the storm, is your site ready for stormwater?

Follow the checklist below to ensure your facility is all buttoned up for the winter and in compliance with your stormwater permit. If you have questions about your stormwater permit, contact Water Quality Reclamationist, Lisa Reinhart at 541-220-1015 or Lisa.Reinhart@dogami.oregon.gov.

- Thoroughly review your Stormwater Plan.** Although you may be able to contain all stormwater or snowmelt on your site, you should still have a plan to ensure you don't discharge without permit coverage.
- Evaluate exposed areas that can be revegetated** to minimize erosion. Until permanent vegetation is established, use soil tackifiers, compost, or erosion control blankets/mats to minimize the potential for erosion. Exposed areas must be seeded by October 1st of each year if you expect vegetation to grow. Exposed slopes lead to erosion, mud slides, and messes you must clean up later. Source control is your ounce of prevention to avoid the pound of cure.
- Grade and slope roads** to help direct stormwater around exposed areas.
- Are your BMP's (best management practices) maintained and functioning properly? **Settling ponds, catch basins, and ditches** need regular maintenance for optimal performance. **Cleanout activities** need to happen during the dry season.
- Prevent complaints from your neighbors by **preventing track-out**. You may need an exit wheel wash or track-out mats if your facility has previously had challenges with muddy trucks tracking out onto the road.



****SAVE THE DATE: Stormwater Training on February 1, 2024, contact Lisa for additional information.***

MLRR STAFF HERE TO HELP YOU:

Sarah Lewis, R.G.
MLRR Program Manager

Lisa Reinhart
Water Quality Reclamationist

**Cari Buchner
Mining Compliance Coordinator

Bob Brinkmann, R.G., *Hydrogeologist;*
Hydrocarbon/Geothermal
Resources Geologist

*Justin McGillivray
Permitting Specialist

*Brianna Weaver
Office Specialist

Dayne Doucet
Consolidated Mining Permit Lead

Telicia Hixson
Intern

Becky Johnson
Office Operations Assistant

Becca Misho
Reclamationist

Vaughn Balzer
Floodplain Reclamationist

ReNeea Lofton
Permit Coordinator

Ed Buchner
GIS Technical Specialist

*Melissa Carley
Aggregate Permitting Reclamationist

**Denotes new hires within the last year*

*** Denotes new position*

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

Website: www.oregongeology.gov

Oregon Department of Geology and Mineral Industries

Mineral Land Regulation & Reclamation

229 Broadalbin St. SW, Albany, OR 97321



Dogami Employees inspecting a site in Columbia County

A Grassy Mountain Update from our Chemical Mining Coordinator, Dayne:

What is the Grassy Mountain project?

“Grassy Mountain” is the common name for a proposed underground gold mine, surface mill complex, and tailings storage facility at the Grassy Mountain location, about 22 miles south-southwest of Vale in Malheur County. The site includes both private and public lands managed by the US Bureau of Land Management (BLM).

A quick timeline refresher on the Grassy Mountain project:

- Jun 2012: Calico files a Notice of Intent (NOI) to develop a gold extraction and processing mine in Malheur County.
- Jul 2016: Calico Resources is acquired by Paramount Gold Nevada Corp.
- Feb 2017: Calico files a new NOI that expands the proposed permit boundary to include the access road and power line route.
- Nov 2019: Calico files a Consolidated Permit Application (CPA).
- Feb 2020: DOGAMI informs Calico that the CPA is not complete.
- Dec 2021: Calico files a revised CPA (not complete).
- Feb 2023: The Technical Review Team (TRT) accepts the final baseline data report as complete.

Exciting current news:

On October 4, 2023, the Grassy Mountain TRT (a team made up of state permitting and cooperating agencies) accepted the Grassy Mountain Gold Mine Consolidated Permit Application as complete. Following this action by the TRT, DOGAMI will now issue a Notice to Proceed (NTP), which will start a 1-year statutory clock to issue a final permit or denial. This is the first consolidated mining permit application in Oregon.

**If you are interested in more information, please visit the website at:
https://www.oregon.gov/dogami/mlrr/Pages/chemicalprocess_Calico-GrassyMtn.aspx*

Brand New Look, Same Great Form:

Did you notice that the renewal forms for Operating Permits and Limited Exemptions look a little bit different? To help combat the ongoing confusion with the two separate fees for active/operating sites (\$1460 + tonnage fees) and non-active/non-operating sites (\$1200), we streamlined and simplified our renewal forms! If your site hasn't operated/produced for the past year, check Option A and move on to signing the form. If your site was active/produced during the past year, check Option B and fill out the production section. Then move on to the signature portion. If you ever have a question about the renewal form – we're here for you! Call Becky or Brianna 541-967-2039 options 2 (Becky) or 4 (Brianna).

Staff Report and Memorandum

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

From: Jason McClaghry, GS&S Program Manager

Date: November 16, 2023

Regarding: Agenda Item 9 - 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 11, 2023

Agenda Item 9 – GS&S Update

This is a report of Geological Survey and Services Program activities since the last presentation to the Board on September 25, 2023. 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 31 non-lidar grants (19 FF, 12 OF) and 9 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; and 8) critical mineral resource inventories.

Publications

Since the last board update September 25, 2023, 2 new publications have been released by the GS&S Program (Figure 1): O-23-05 and O-23-07. DOGAMI publications released in 2023 are summarized below in Table 1.

Figure 1. Chart showing DOGAMI publication output since 2018.

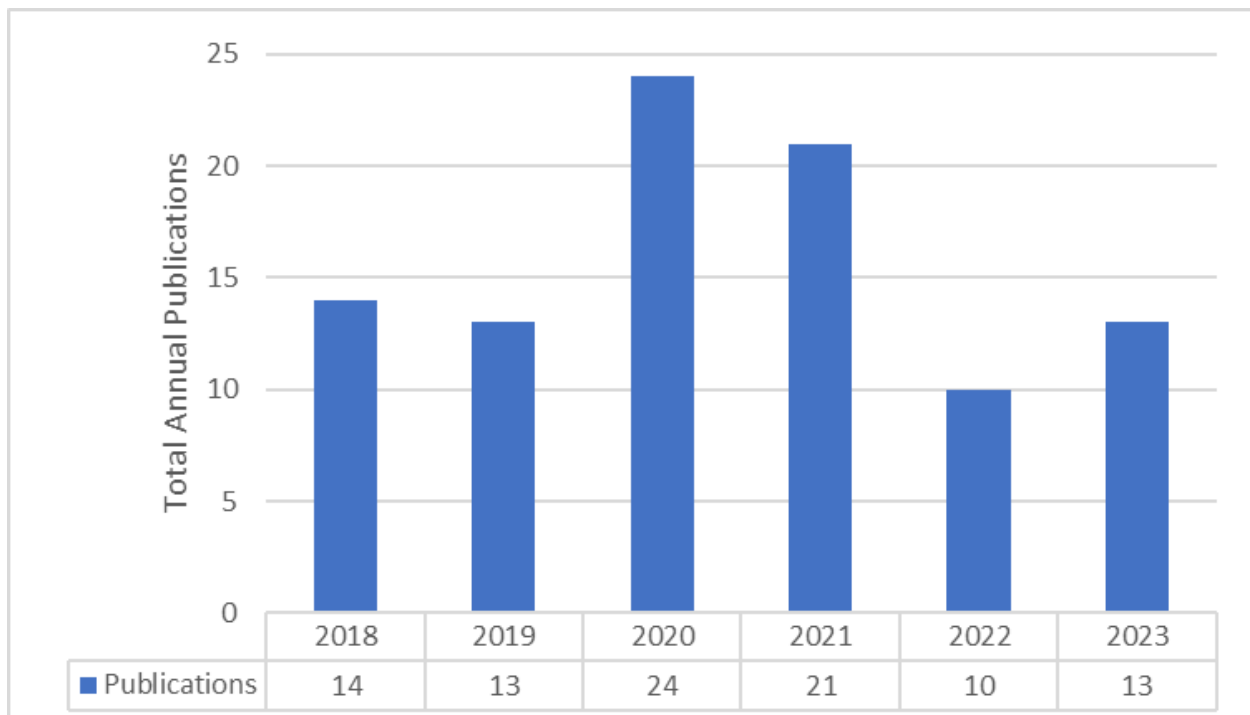


Table-1. Table showing DOGAMI publications released in 2023.

Publication Series	Publication Series No.	Title	Year
Open-File Report	O-23-01	Landslide Inventory and Risk Reduction, Wasco County, Oregon	2023
Open-File Report	O-23-02	Landslide Inventory and Risk Reduction of the North and Central Portions of Wasco County, Oregon	2023
Open-File Report	O-23-03	Multi-Hazard Risk Report for the City of Cottage Grove, Oregon	2023
Geologic Map Series	GMS-129	Geologic map of the Athena 7.5' Quadrangle, Umatilla County, Oregon	2023
Open-File Report	O-23-04	Tsunami Evacuation Analysis of Bandon, Bullards Beach State Park, Langlois, and Floras Lake, Coos and Curry Counties, Oregon	2023
Open-File Report	O-23-05	Neotectonic map of the Cascadia Margin	2023
Open-File Report	O-23-06	Multi-Hazard Risk Report for Benton County, Oregon,	2023
Open-File Report	O-23-07	A GIS-Based Toolbox for Improved Efficiency and Precision of Landslide Inventory Mapping	2023
Special Paper	Sp 54	Geologic Assessment of Potential Cable Landing Sites Along the Oregon Coast	2023
Open-File Report	O-23-08	Earthquake and Tsunami Impact Analysis for Coastal Curry County, Oregon	2023
Digital Data Series	SBFO-1.1	Statewide Building Footprints for Oregon, release 1.1	2023
Oregon HazVu (Update)	Interactive maps and geospatial data	Statewide Geohazards Viewer	2023
Open-File Report	O-23-09	Cape Kiwanda Sinkholes and their formation, Tillamook County, Oregon	2023

Recently released DOGAMI publications

- 1. Open-File Report O-23-09**, Cape Kiwanda Sinkholes and their Formation, Tillamook County, Oregon, by Jonathan C. Allan and Laura Gabel.

<https://www.oregon.gov/dogami/pubs/Pages/ofr/p-O-23-09.aspx>

What's in this report? This report provides an evaluation of two sinkholes that developed at Cape Kiwanda early in 2023, including possible causes and potential future impacts at the site. The sinkholes ranged in width from ~4.5 to 10 m (15 to 33 ft), while the smaller sinkhole had an estimated depth of ~5 m (16 ft); both sinkholes contained some of the overburden making determination of the actual true depths impossible. We hypothesize that the sinkholes preferentially formed along a vertical joint in sandstones in the Astoria Formation. Chemical weathering (dissolution) of the underlying rock along a joint created a void, which ultimately resulted in a collapse sinkhole. Due to the rapid speed in which this part of Cape Kiwanda is presently eroding and the presence of a large cave system at sea level directly below the sinkholes, we recommend that Oregon State Parks and Recreation Department establish a new fence line approximately 15 m (50 ft) south of the two sinkholes.

2. **Open-File Report O-23-05**, Neotectonic map of the Cascadia Margin, by Chris Goldfinger, Jeffrey Beeson, Chris Romsos, and Jay. R. Patton.

<https://pubs.oregon.gov/dogami/ofr/O-23-05/p-O-23-05.htm>

What's in this report? The neotectonic map attempts to differentiate the relative age of structures, despite the lack of definitive age control in most areas. Instead, a scheme of relative age control is applied that is appropriate to the types of data and age information available. The Cascadia margin is rich in geophysical data, collected over five decades, making a relative age strategy possible. The geophysical data used vary widely in depth of penetration, quality, resolution, and navigational accuracy. Thus the map itself unavoidably retains artifacts of this variability. In some areas for example, sidescan sonar data are available with decimeter resolution, while other areas have only single-beam sounding data. Inspection of the supporting data for the map will reveal these disparities. The layers of supporting data include bathymetric grids, sidescan sonar and backscatter data, shaded relief imagery, geophysical trackline data and other supporting information. These can be used to inspect the interpretations in the map, and with subsequent data, to improve on them. As with all geologic products, the map is an interpretation of the combined datasets that inherently includes interpolation of the continuity of features and interpretations from morphology where more definitive data do not exist.

Upcoming 2023 DOGAMI publications

- Geologic Map of the Mill Creek Area, Hood River and Wasco Counties, McClaghry, GMS 128.
- Geologic Map of the Milton Freewater and Bowlus Hill Quadrangles, Umatilla County, McClaghry, GMS 130.
- Geologic Map of the Weiser South Quadrangle, Payette and Washington Counties, Idaho and Malheur County, Oregon, Feeney and McClaghry, GMS 131.
- Geologic Map of the Payette Quadrangle, Payette and Washington Counties, Idaho and Malheur County, Oregon, Feeney and McClaghry, GMS 132.
- Multihazard Risk Assessment of Morrow County, OFR, Williams
- SLIDO 4.5, Calhoun.

Grants

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

Grant applications, in preparation

1. **U.S. Geological Survey National Cooperative Geologic Mapping Program, STATEMAP FY24**
 - Fulfills goals for *Key Performance Measure 2 – Geologic Map Completion*
 - Grant application requesting \$681,400 (Federal Funds). A 50 percent match is required; DOGAMI will contribute \$681,400 in staff time, supplies, and equipment for a total project \$1,362,800.
 - Focus Areas:
 1. Project 1 – Geologic mapping in the Smeltz and Helix 7.5' Quadrangles in the Walla Walla Basin, northeast Oregon.

2. Project 2 – Geologic mapping in the Buchanan, Stinkingwater Pass, Mahon Creek, Crane, New Princeton, and Burns NW 7.5' Quadrangles in the Harney Basin, southeast Oregon.
 3. Project 3 – 100,000 scale compilations of the Brogan 30 x 60' Quadrangle in eastern Oregon and the Nehalem 30 x 60' Quadrangle in northwest Oregon.
- Project period June 1, 2024 to May 31, 2025
 - Legislative approval received November 8th.
 - **Proposal development stage.** Submit by January 15, 2024.

2. U.S. Geological Survey National Cooperative Geologic Mapping Program, Data Preservation FY24

- Grant application requesting \$212,950 (Federal Funds). A match is required; DOGAMI will contribute \$212,950 in staff time, supplies, and equipment for a total project \$425,900.
- Focus Areas:
 1. Describing, analyzing, and archiving of several historic drill cores, including the 12,000-foot Thomas Creek well drilled near Lakeview in 1961.
 2. Continue to scan, archive, and make publicly available historic assay reports, mine maps, Oregon Bureau of Mines and Geology files, and historic Agency photographs.
- Project period June 1, 2024 to May 31, 2027
- Legislative approval received November 8th.
- **Proposal development stage.** Submit by December 6, 2023.

3. U.S. Geological Survey National Cooperative Geologic Mapping Program, 3D Elevation Program (3DEP)

- Fulfills goals for *Key Performance Measure 3 – Lidar Data Collection*
- Grant application requesting \$170,885.00 (Federal Funds). This grant allows for full lidar indirect (15%) and does require a 50% match. The match will be met by DOGAMI contributing in-process lidar data (BLM Western Oregon Fires, Willamette Valley, Jackson County), whose non-federal component is valued at \$328,053.
- Focus Areas: Rogue-Siskiyou, southwestern Oregon.
- Project period June 1, 2024 to May 31, 2025
- Legislative approval received November 8th.
- **Proposal submitted October 20th.**

4. United States Department of Energy (DOE)

- Grant application requesting \$320,000.00 (Federal Funds). A 20 percent 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 8th.

- **Proposal development stage.** Submit by December 13th, 2023.

5. U.S. Geological Survey National Cooperative Geologic Mapping Program, Earth Mapping Resource Initiative (Earth MRI)

- Fulfills goals for *Key Performance Measure 2 – Geologic Map Completion*
- Focus Areas (ranked by priority):
 1. Geologic mapping and mineral resource evaluation of the Quartzburg Mining District, Grant County, Oregon
 2. Geochemical sampling of Malheur County.
 3. Reanalysis of NURE samples from the northern Rocky Mountains and Oregon
 4. Geophysical data collections over the Great Basin (southeast Oregon), including high resolution aeromagnetic and radiometric data.
 5. Geophysical data collections over the Klamath Mountains (southwest Oregon), including high resolution aeromagnetic and radiometric data.
 6. Geophysical data collections over the southern part of Hells Canyon (northeast Oregon, west Idaho), including high resolution aeromagnetic and radiometric data.
- This grant program does not require a funding match and can charge a full indirect rate.
- Project period June 1, 2023 to May 31, 2026
- **Pre-application stage.** Next step, discuss project options with USGS in December 2023 after their review of national priorities.

10. FEMA Cooperating Technical Partners (CTP) proposals

- Fulfills goals for *Key Performance Measure 1 – Hazard and Risk Assessment Completion*
- Focus Areas: Developing project concepts in the current areas – City of McMinnville Multihazard Mapping Project, Linn County Multihazard Mapping Project, Landslides response guideline template, Baker County Multiphase Mapping Project (Landslide, debris flow, coseismic).
- This grant program does not require a funding match and can charge a full indirect rate.
- Project period October 1, 2024 to 2027.
- **Pre-application stage.** Next step, develop executive summaries for FEMA review, due January 31, 2024.

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

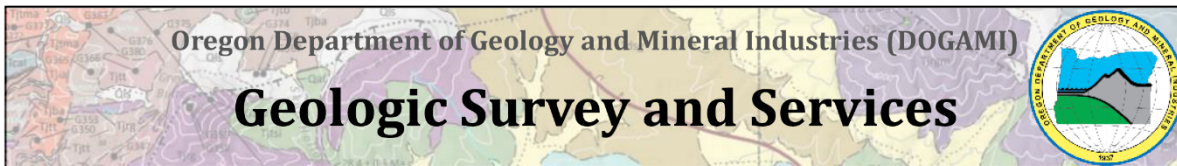
- Fulfills goals for *Key Performance Measure 1 – Hazard and Risk Assessment Completion*
- Focus Areas: Post-fire debris flow risk reduction in Hubbard Creek, Douglas County and the City of Portland’s Surface Water Drinking Supply Watershed, Bull Run, Clackamas and Multnomah Counties.
- This grant program requires a 20 percent funding match and can charge a full indirect rate.
- Project period 2024 to 2026
- **Pre-application stage**

Staffing

GS&S has recently completed recruiting for two permanent Geologist positions. These are new positions in GS&S created to support mineral and water assessments in Oregon and were funded in the 2023 legislative session through [SB 5506](#).

Natural Resource Specialist 4, Mineral Resource Geologist, with a primary purpose to lead mineral resource and geologic mapping investigations. Dr. Kaleb Scarberry will join DOGAMI in this role, beginning on December 15th. Kaleb joins DOGAMI, after working as research Geologist with the Montana Bureau of Mines and Geology (MBMG) in Butte since 2012. During his tenure at MBMG his work was largely funded through the U.S. Geological Survey STATEMAP, Data Preservation, and Earth MRI Programs, which will be his focus at DOGAMI. Notably in 2019 he created a new Mineral Resources Program at MBMG, where he hired and trained a team of seven (professionals and students) to work on Geologic Mapping and critical commodity assessments at 1:24,000 scale. Kaleb received a PhD from Oregon State University in 2007, with a dissertation entitled – Extension and volcanism: tectonic development of the northwestern margin of the Basin and Range Province in southern Oregon.

Natural Resource Specialist 2, Mapping Geologist, with a primary purpose to conduct geologic mapping investigations. Dr. Vanessa Swenton will join DOGAMI in this role, beginning on December 13th. Vanessa joins DOGAMI, after receiving a PhD from Portland State University in 2022, with a dissertation entitled – Geochronological and Geochemical Investigation into Rhyolite Volcanism of the High Lava Plains and Columbia River Basalt Group Provinces of Eastern Oregon, USA. Her PhD work on eastern Oregon rhyolite volcanism involved sample collection and documentation, stratigraphic descriptions, and refining geologic maps of exposed rhyolites throughout eastern Oregon. She conducted geochemical, petrographic, and geochronologic analyses via X-ray fluorescence, inductively coupled plasma – mass spectrometry, scanning electron microscopy, and ⁴⁰Ar/³⁹Ar geochronology. Venessa brings a very strong background in the geology of eastern Oregon and the Pacific Northwest and in geoscience communication.



Landslide Mapping:

The DOGAMI Landslide Team performs research and projects to improve our understanding of landslide hazards in Oregon. Core activities include mapping the locations of landslides using Lidar topographic data, field work to collect data when landslides occur, and creating methods used on projects to evaluate future susceptibility of landslides. On top of the hazard evaluation, In coordination with the communities throughout Oregon, DOGAMI performs risk analysis focused on risk reduction. DOGAMI also participates in the Oregon Landslide Warning System through outreach and education and is a members of the Governor’s Erosion Threat Assessment and Reduction Team (ETART) where DOGAMI assists in understanding and reducing risk to Oregonians from post-fire debris flows.

The Landslide Team regularly publishes results of its research and projects, including four Special Papers which outline methods to evaluate landslide hazards. Many of these methods are used by other US state geologic surveys. The latest Special Paper is focused on debris flows (SP-53) and has a [story map](#) which explains the methods. DOGAMI also collaborated with DLCD to publish *Preparing for Landslide Hazards, A Land Use Guide for Oregon Communities*, which helps communities understand the many ways they can use the scientific information to reduce risk through planning.

Funding:

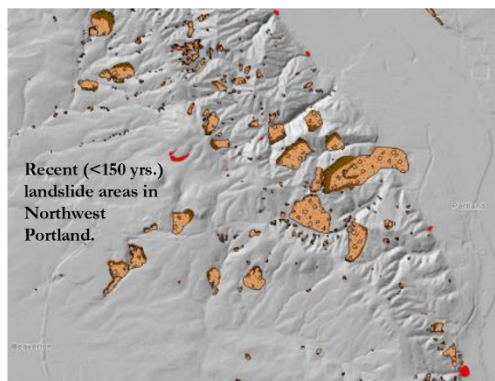
DOGAMI relies on external funding to develop landslide hazard maps used for landslide risk reduction in Oregon. Funding from FEMA (CTP, HMGP), EPA, BLM, USGS Cascade Volcano Observatory, USGS landslide Program, National Earthquake Risk Reduction Program (NEHRP), is augmented by state agencies (e.g. ODOT, DLCD, DAS GEO) and Oregon cities, counties, and local agencies (e.g. Portland Water Bureau). Collaborative grant applications with Oregon State University, University of Oregon, and Portland State University are an additional funding stream.

Stakeholders and Partners:

The Landslide Team has many stakeholders and partners working on landslide risk reduction in Oregon. Our primary stakeholders are the people of Oregon. Our Oregon State Agency partners include but not limited to: ODOT, DLCD, OEM, ODF, DEQ, GEO, ODOE, OPRD, ODFW, OWEB. DOGAMI also collaborates with many Federal Agencies: USGS, FEMA, FHWA, USACOE, BLM, USFS, EPA, USBR, FERC, NOAA. Many projects are done in collaboration with communities in Oregon: Cities, Counties, and regional governments.

Looking Forward:

The DOGAMI Landslide Team works together with partners to improve the ability of Oregonians to reduce landslide risk. One of our immediate goals is to complete landslide inventory mapping statewide. This task will allow DOGAMI to assist all Oregon communities with landslide risk reduction assessments. A longer-term goal is understanding the changing landslide risk associated with climate change (post-fire and increased frequency of atmospheric rivers).



Staff Report and Memorandum

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

From: Ruarri Day-Stirrat, Director & State Geologist

Date: November 27, 2023

Regarding: Agenda Item 10 – Director’s Report

Director Day-Stirrat will deliver his report on the following topic:

- 1) Agency Update

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