

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

**December 10, 2021**  
**8:30 a.m.**

**Teleconference Public Meeting Agenda**

To adhere to the state's social distancing requirements and to slow the spread of COVID-19, this public meeting will be conducted as a virtual meeting. Written testimony can be submitted in advance, but no later than 3:20 p.m. on the meeting day to [lori.calarruda@dogami.oregon.gov](mailto:lori.calarruda@dogami.oregon.gov). Written comments received will be distributed to the Board.

**Dial: 1-253-215-8782**

**When prompted, enter ID number: 858 4618 9057**

**If prompted for a Password: 038034**

Governor Brown's [Executive Orders](#)

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.oregongeology.org](http://www.oregongeology.org).

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|------------------|-----------------|--|
| <b>8:30 a.m.</b> | <b>Item 1:</b>  | <b>Call to Order</b> – Chair Laura Maffei  |
| <b>8:35 a.m.</b> | <b>Item 2:</b>  | <b>Executive Session</b> – Review of Executive Director Candidates<br>Board Action: The Board will be asked to take an action on this item   |
| <b>1:05 p.m.</b> | <b>Item 3:</b>  | <b>Return to Public Session</b>  |
| <b>1:10 p.m.</b> | <b>Item 4:</b>  | <b>Introductions</b> – Chair Laura Maffei and staff  |
| <b>1:15 p.m.</b> | <b>Item 5:</b>  | <b>Executive Director's Recruitment Decision</b> – Chair Laura Maffei<br>Board Action: The Board will be asked to take an action on this item  |
| <b>1:30 p.m.</b> | <b>Item 6:</b>  | <b>Review Minutes of September 17, 2021</b><br>Board Action: The Board will be asked to take an action on this item  |
| <b>1:35 p.m.</b> | <b>Item 7:</b>  | <b>Confirm 2022 Board Meeting Dates</b><br>Board Action: The Board will be asked to take an action on this item  |
| <b>1:50 p.m.</b> | <b>Item 8:</b>  | <b>Civil Penalties</b> – Sarah Lewis, MLRR Program Manager/Cari Buchner, Mining Compliance Specialist<br>Board Action: The Board will be asked to take an action on this item          |
| <b>2:05 p.m.</b> | <b>Item 9:</b>  | <b>Executive Session</b> – Civil Penalties Review<br>Board Action: The Board will be asked to take an action on this item  |
| <b>2:20 p.m.</b> | <b>Item 10:</b> | <b>Return to Public Session</b>  |
| <b>2:25 p.m.</b> | <b>Item 11:</b> | <b>Civil Penalties Decision</b> – Sarah Lewis, MLRR Program Manager/Cari Buchner, Mining Compliance Specialist<br>Board Action: The Board will be asked to take an action on this item |
| <b>2:30 p.m.</b> | <b>Item 12:</b> | <b>Financial Report</b> – Steve Dahlberg, Chief Financial Officer<br>Board Action: The Board will be asked to take an action on this item  |
| <b>3:00 p.m.</b> | <b>Item 13:</b> | <b>Director's Report</b> – Sarah Lewis, Interim Director<br>Briefing: The Board will not be asked to take an action on this item   |

**3:15 p.m.      Item 14:    Public Comment**

Only written comments received prior to or by 3:20 p.m. on the day of the meeting will be accepted

**3:20 p.m.      Item 15:    Board Adjourn**

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**PLEASE NOTE**

**AGENDA**

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

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

From: Laura Maffei, Governing Board Chair

Date: December 2, 2021

**Regarding: Agenda Item 5 – Executive Director’s Recruitment Decision**

The Board will take action on the Executive Director’s Recruitment Decision.

***Proposed Board Action: The Executive Director’s Recruitment Decision will be accepted as discussed in the Executive Session.***

# Staff Report and Memorandum

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

From: Lori Calarruda, Executive Assistant

Date: December 2, 2021

**Regarding: Agenda Item 6 – Review Minutes of September 17, 2021 Board Meeting**

Attached are draft Board Minutes from the September 17, 2021 Board meeting.

***Proposed Board Action: The Board Minutes of the September 17, 2021 Board meeting be Approved/Approved as Amended/Not Approved.***

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

Friday, September 17, 2021

8:30 a.m.

Virtual Public Meeting

**1) Call to Order:** (Laura Maffei, Board Chair)

Chair Laura Maffei called the meeting to order at 8:32 a.m.

**2) Introductions:** (Laura Maffei, Board Chair and Staff)

Chair Laura Maffei, Vice-Chair Katie Jeremiah, and Board Members Scott Ashford, and Diane Teeman and Linda Kozlowski were all in attendance via Zoom video/phone.

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

Sarah Lewis, Interim Director/State Geologist and MLRR Program Manager

Lori Calarruda, Executive Assistant/Recording Secretary

Steve Dahlberg, Chief Financial Officer (CFO)

Bob Houston, GS&S Program Manager/Legislative Coordinator

Vaughn Balzer, Floodplain Reclamationist/Rules Coordinator

Laura Gabel, Coastal Field Geologist/KPM Coordinator

Cari Buchner, Mining Compliance Specialist

Emil Petcov, Fiscal Analyst 3

Others in attendance:

Diane Lloyd, Department of Justice (DOJ)

Amira Streeter, Policy Advisor Governor's Office

Christina Appleby, DOGAMI Staff on personal time and as DOGAMI's SEIU Sub-Local President

Ruarri Day-Stirrat, Geologist

Anna Sovereign, House Republican Office

**Recruitment Update:**

Chair Maffei said she spoke to John Paschal, the Executive Recruiter, and there is a revised draft of the Recruitment Plan that will be reviewed and sent out to the Board members, so they are aware of the upcoming dates. The recruitment has closed and there are multiple candidates. Maffei said Paschal will review the candidates to determine those who do not meet the required minimum qualifications. As part of the review panel, the Board will receive resumes and cover letters of the remaining candidates to individually score them on paper, which will not be part of a meeting. That information will be compiled by DAS to help decide who will be in the first round of interviews.

**1) 3) Review Minutes of June 25, 2021 and August 19, 2021 Board Meetings:**

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

3)

4 Board Action: **Jeremiah moved to approve the minutes of June 25, 2021 and August 19, 2021 as**  
5 **submitted. Kozlowski seconded. Motion carried.**

6  
7 **4) Rule Writing:**

8 Vaughn Balzer, Rules Coordinator, discussed HB2202: Aggregate Mining on High Value Farmland in  
9 the Willamette Valley.

10  
11 Balzer said the DOGAMI Governing Board approved the draft text of the new rule and rule  
12 amendments for implementing House Bill (HB) 2202 (2013) during the December 4, 2020, Board  
13 Meeting. DOGAMI – MLRR completed the required Public Notice on May 24, 2021, and Legislative  
14 Notice on June 15, 2021. No public or legislative comments were submitted on the proposed new  
15 rule and rule amendments. The text of the new rule and rule amendments has not changed since  
16 being approved by the Board on December 4, 2020. The final Board approval date must be after the  
17 completion of the Public and Legislative notice. DOGAMI requests final Board approval to adopt the  
18 new rule and rule amendments with a proposed effective date of October 1, 2021.

19  
20 Chair Maffei clarified with Balzer that this is a rule the Board previously reviewed and approved, and  
21 this is the final approval since no comments were received. Balzer stated that is correct.

22  
23 Jeremiah asked if this was approving the public notice of the rule. Balzer explained the public notice  
24 process has been completed and no public comments were received. There are no changes to the  
25 rule text or rule amendment text that was approved during the December 4, 2020 Board meeting.

26  
27 Board Action: **Kozlowski moved to approve the new rule and rule amendments related to**  
28 **Aggregate Mining on High Value Farmland in the Willamette Valley. Teeman seconded. Motion**  
29 **carried.**

30  
31 **5) Financial Report:**

32 Steve Dahlberg, Chief Financial Officer, presented the DOGAMI FY2021 Budget Status Report, as of  
33 June 30, 2021, for the Geological Survey and Services (GS&S) and Mineral Land Regulation &  
34 Reclamation (MLRR) programs.

35  
36 Dahlberg said the update is the end of biennium results and the Agency is underbudget in all funds.  
37 For clarity, this is the closing of the biennium, normal June 2021, and Period 13. He explained Period  
38 13 is the accounting period where accruals of revenues and expenses go for the services of the prior  
39 year, but after the normal June closes. The official closing of the biennium is in December 2021, but  
40 he does not expect there to be any changes to the numbers. Dahlberg stated the Agency made it  
41 through the biennium in good standing and with an approved budget for the 2021-2023 biennium.

42  
43 The Agency made many strategic purchases to use some of the available General Fund budget at the  
44 end of the biennium. These purchases included replacing two servers, many aging laptops and  
45 workstations, Organizational Management consultants, signing up staff for training, and other  
46 scientific and safety equipment. DOGAMI was successful in buying everything on its list except for  
47 two items. Due to COVID related shortages and delays in manufacturing, the ARGO (8-wheeled  
48 amphibious vehicle) and its trailer were not delivered until recently and will be an FY22 General Fund  
49 expense. While this was not the plan for 2021-23, these expenses will be incorporated into the new

50 projections. DOGAMI is now engaging DAS Surplus for disposal of the old ARGO and trailer, which  
51 both are about 15 years old.

52  
53 The General Fund ending balance of \$542,720 is due to vacancy savings, better indirect recovery than  
54 anticipated, ordering items that have been on hold, and COVID reimbursements. In addition to the  
55 \$300,000 already reverted from vacancy savings, this brings the total the Agency will be reverting  
56 back to \$843,000 in General Fund. The unused balance does not roll over to the next biennium and  
57 the Agency will start over with a new budget.

58  
59 The Other Funds ending balance is \$330,642, which is close to the projected balance from the last  
60 Board meeting. Dahlberg said, each month the Business Office sends out invoices and follows up  
61 with funders as necessary.

62  
63 The Federal Funds ending balance is negative (-) \$7,607. The negative balance is due to a timing  
64 difference between expenses generated and revenue collected, but will catch up soon. Dahlberg  
65 explained that DOGAMI staff charge their time to a specific federal grant, then the Business Office  
66 submits the invoice, called a “draw” for reimbursement of these expenses the following month. A  
67 small change has been made to the lidar program and staff are doing inhouse hydro flattening work,  
68 but these charges are unable to be collected until the work is completed. There is no projection for  
69 Federal Funds due to it being the end of the biennium. The next financial update will include the  
70 projections since it is the start of the new biennium.

71  
72 Ashford asked if it is more cost effective to reduce the lidar data inhouse instead of using the vendor.  
73 Dahlberg said there is potential it is more cost effective. He explained when budgeting, the rate and  
74 expected cost of the vendor are being used, but the work is done in house, which allows more hours  
75 for staff to do work. The funder will not be charged more than what the Agency committed to, and  
76 he expects they will actually be charged less than they would have been, by doing the work inhouse.  
77 Ashford said he understands if staff need work, but he wants to keep an eye on it to ensure overall it  
78 holistically makes sense for the Agency and does not go over costs by doing the work inhouse. He  
79 would like to have a report back on how the inhouse compares to the vendor. Dahlberg will provide  
80 a recap at the end of the project.

81  
82 The MLRR biennium ending balance is \$454,167, due to the fee increase, careful spending, and  
83 COVID reimbursements of ~\$75,000. The goal of the fee increase is to have a 6-month operating  
84 reserve built up by the beginning of the 2025-2027 biennium.

85  
86 Dahlberg stated for the next biennium there are three lidar projects being fully developed for the  
87 BLM (Klamath), USGS (3DEP in Baker County) and USGS (3DEP in Coos County), but the total amounts  
88 are not yet determined. The 10-day letters will be submitted by October 18, 2021 with the  
89 expectation of it being scheduled for Legislative approval on November 15, 2021. The most recent  
90 request for Legislative approval to submit a federal grant is the annual STATEMAP grant, which has  
91 been awarded to DOGAMI since the program’s inception in 1992. This grant is for \$360,000, it has a  
92 50/50 match, and is incorporated in the new biennium budget.

93  
94 The Strong Motion Instrument Fund (SMIF) ending balance is \$260,376. Dahlberg said the Agency is  
95 expecting to complete Work Order #4 with the University of Oregon for \$200,000 to purchase 24  
96 seismic instruments at 18 different locations. The MLRR Reclamation Guarantee Fund ending  
97 balance is \$669,943 with 58 Cash Securities.

98  
99 Dahlberg said the Business Office has its routines working well with revenue invoicing and  
100 collections, paying Agency bills, grant reporting both internally and externally, and regular business  
101 processes. He has been working with DAS to finish the year-end closing process including year-end  
102 accruals and reporting, and they will work together on the new biennium's reporting and forecasting.  
103 DOGAMI's projection for the 2021-2023 biennium will be presented at the next Board meeting.  
104

105 The Business Office has identified the need to review and document its current processes, which will  
106 include reviewing and updating existing policies over the next year. New tools are being developing  
107 to aid in the Agency's forecasting process to continue better monitoring and projecting General Fund  
108 expenses for the current biennium. Dahlberg introduced Emil Petcov, who was hired for the Fiscal  
109 Analyst 3 position and started on September 8, 2021.  
110

111 Chair Maffei asked about the total amount of General Fund the Agency underspent. Dahlberg said it  
112 was a little over \$840,000 and clarified that DOGAMI had agreed with DAS CFO and LFO that the  
113 vacancy savings of \$300,000 would be reduced from the budget. With that revision, the Agency  
114 finished \$540,000 underbudget, but total amount reverted back is about \$840,000. Maffei asked  
115 what the Agency needs to do going forward to not leave that much money on the table, besides the  
116 capital expenditures. Lewis said part of the work over the last couple years has been to develop tools  
117 to put in place to very carefully monitor and track the budget. The other factor to consider is the  
118 Agency is unlikely to be in a situation similar to the last two years where the Agency received two  
119 single year budgets. The first-year budget took the 2-year budget and split it in half and there were  
120 many expenses that are actually biennial expenses that occur in the first year. The Agency ended up  
121 close to that number mid-year and then had an increase with the second-year budget. So, in order to  
122 stay careful during the first year, the Agency underspent in a way that it may not have to in the  
123 future with the new tools and projections for the next biennium. The Agency is not in the same  
124 situation this time.  
125

126 Ashford said he wished the Agency was able to spend and not leave the money on the table, but  
127 between the two single year budgets and delays he is comfortable with where the numbers and  
128 Agency ended up, stating the university has had some unexpected carry forwards because of the  
129 pandemic as well. He thinks the leadership will take this into account next year. Dahlberg said his  
130 active role in the Agency's projections will not stop and going forward there will be continued  
131 monitoring and sharing of information with management. He stated there were also several large  
132 lidar projects that contributed to the better than anticipated indirects. If there is surplus in the  
133 future, DOGAMI will make the best use of it for the benefit of the Agency and citizens of this state.  
134

135 Chair Maffei said she did not suggest the Agency just wildly spend money, but the Agency should use  
136 the resources it is given effectively to get the best product it can.  
137

138 Jeremiah gave kudos to the Agency for the work they did digging in, finding tools, setting the  
139 processes, and executing in a way that the Agency is able to report back to the legislature. This is a  
140 much easier conversation to have with them, rather than asking for money. She wanted to give  
141 credit where credit is due.  
142

143 Chair Maffei agreed, the last couple of years have not been easy and this is a much more pleasant  
144 conversation to have than in the past. She thanked Dahlberg and the rest of the Management Team  
145 for their efforts.



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Board Action: Teeman moved to accept the Budget Status Report as presented.  
Kozlowski/Jeremiah seconded. Motion carried.

**6) Key Performance Measures (KPMs) Annual Data Report:**

Laura Gabel, Coastal Field Geologist and KPM Coordinator, and Bob Houston, GS&S Program Manager, reviewed completed Key Performance Measures (KPMs) 1) Hazard and Risk Assessment Completion, 2) Detailed Geologic Map Completion, 3) Lidar Data Completion, 4) Percent of Permitted Mine Sites Inspected Biennially, 5) Customer Services, and 6) Governance. The Key Performance Measures (KPMs) show how the Agency has performed and will be submitted by DOGAMI to the Legislature. The reporting period is for FY21, which is July 1, 2020 to June 30, 2021.

**KPM 1 – Hazards and Risk Assessment Completion:**

Percent of population residing in Oregon Urban Growth Boundary Areas (UGBs) that have completed geologic hazard and risk assessments that are suitable to initiate Department of Land Conservation and Development goal 7 planning for earthquake, landslide, tsunami, coastal erosion, volcanic or flooding hazards.

The completion of hazard and risk assessments are dependent on funding from local, state, and federal resources. It started with a 42% baseline in 2018 and the goal for the KPM is to complete 100% in 10 years.

As of June 30, 2021, 57% of UGBs have full Hazard and Risk assessments. DOGAMI’s hazard program has obtained 100% of the 2021 target, which was 57%.

Gabel reviewed the attached map to the Board. She explained the map shows all UGBs and their percent completion of hazard and risk studies. The color and size of each dot represents the % completion, with the small black dots representing communities with no studies completed and the largest green dots representing communities with all hazard studies completed. Red, orange, and yellow then represent communities with some but not all studies completed

**KPM 2 – Detailed Geologic Map Completion:**

Percent of Oregon where geologic data in the form of high-resolution maps have been completed to be used for local problem solving.

Geologic mapping projects are dependent on funding from local, state, and federal resources.

As of June 30, 2021, 62.7% of Oregon’s nominal inhabited areas have high resolution geologic map coverage. DOGAMI’s Geologic Mapping program has obtained 96% of the 2021 target, which was 65%.

Gabel reviewed the attached map to the Board. She explained the map shows Oregon’s nominal inhabited areas as the tan polygons. The publication of high-resolution geologic maps is shown by orange boxes representing quads published in FY21, purple and red boxes representing previous projects. Note that there is also a lot of mapping outside of the population centers, which is critical for the understanding of geologic resources and hazards as their reach extends well beyond city limits.

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**KPM 3 – Lidar Data Completion:**

The percent of Oregon with lidar data at USGS quality of Level 2 or better (density and accuracy). The higher standards are lower numbers.

Obtaining lidar data is dependent on funding through local, state, and federal resources. As of June 30, 2021, 56.1% of Oregon now has lidar data at USGS quality level 2 or better. The lidar program has obtained 104% of the 2021 target, which was 54%.

Gabel reviewed the attached map to the Board. She explained the map shows areas of the state with lidar coverage. Orange areas represent projects acquired during FY21, and green areas represent previous collection areas. The combined orange and green areas represent the cumulative state coverage of 56.1%.

**KPM 4 – Percent of Mine Sites Inspected Biennially:**

The percent of permitted mine sites inspected biennially.

The target for this KMP is inspecting 100% of permitted mine sites in the biennium. In total, for the 2019-2021 biennium, the agency has inspected 15% of the total number of permitted mine sites.

Gabel reviewed the attached map to the Board. She explained the map shows the distribution and frequency of mine site inspections conducted between July 1, 2019 to June 30, 2021. The majority of sites are inspected once, as represented by the dark blue dots. Other colors represent sites inspected more than once and the black dots represent mines not inspected during this biennium. Additionally, each county is shaded based on the percentage of completeness of mines inspected in that particular county. Most counties are orange, meaning at least one but not more than 25% of the mines have been inspected.

**KPM 5 – Customer Service:**

Percentage of customers rating their satisfaction with the agency’s customer service as “good” or “excellent”: helpfulness, overall customer service, accuracy, expertise, availability of information, and timeliness.

There are two different customer surveys – overall DOGAMI and MLRR specific. In total 151 customer surveys were submitted in FY21, which is down about 50 from 2020. The target goal of the KPM is 95% of responses as good or excellent for each category.

- Helpfulness: 85.4% (90% of the target goal)
- Overall: 88.6% (93% of the target goal)
- Accuracy: 89.3% (94% of the target goal)
- Expertise: 86.6% (91% of the target goal)
- Availability of Information: 84.7% (89% of the target goal)
- Timeliness: 83.3% (88% of the target goal)

**KPM 6 – Governance:**

238 For Governance, on an annual basis the Board reviews and responds affirmatively or negatively to the  
239 best practice criteria. The time period covered is for July 1, 2020 to June 30, 2021, and the answers  
240 will be submitted to the Legislature through the formal process.

241  
242 Chair Maffei, wanted to verify which ones were being approved. Houston clarified that the Board will  
243 be asked to answer the 15 required questions for KPM 6, and all KPMs need to be reviewed and  
244 approved. The submittal of the entire report is due October 1, 2021.

245  
246 Chair Maffei had a discussion on Item 2 regarding the Director's annual performance feedback. A  
247 formal official annual performance was not completed due to the issues with the Agency possibly  
248 being dissolved, but feedback was provided to Director Avy throughout the period.

249  
250 Chair Maffei said her only concern is increasing the number of mine sites being inspected. She stated  
251 there has been resource issues and 2020 was a hard year due to COVID. She believes this needs to  
252 be revisited in the future.

253  
254 Kozlowski said the report was very well organized and easy to follow. She is impressed with the lidar  
255 coverage for the state. Gabel said the credit goes to staff members Jake Edwards, Rob Hairston-  
256 Porter, and Bob Houston for making it happen.

257  
258 Board Action: **Kozlowski moved to approve the 2021 Annual Performance Progress Report as**  
259 **presented. Ashford seconded. Motion carried.**

260  
261 **7) MLRR Update:**

262 Sarah Lewis, Interim Director and MLRR Program Manager, provided an update on MLRR.

263  
264 Please note, included in this packet is the ENGAGE Summer 2021 Edition newsletter that is also  
265 available online: <https://www.oregongeology.org/mlrr/engage.htm>

266  
267 **Permit Status Summary**

268 Lewis stated general activity and permit numbers are stable, with the exception of a notable increase  
269 in exploration activity. Typically, there are about 14 active exploration permits, but there have been  
270 9 new exploration applications over the last 6 months. This is a significant increase causing an  
271 additional workload for ReNeea Lofton, the Program's Permit Coordinator, and Bob Brinkmann, the  
272 Technical Lead for Exploration. The processing of an exploration application is not as complex or  
273 lengthy as the Operating Permit, and most of these have already gone to the other partner agencies  
274 for review. Lewis commended Lofton and Brinkmann on their teamwork. Anecdotal information  
275 suggests that these are advance planning for operating permit applications for aggregate, non-  
276 aggregate and chemical process mining, as commodity prices remain strong. There is indication that  
277 the progress of the Grassy Mountain chemical process mining permit application is having an  
278 influence on exploration activity in the state.

279  
280 Lewis stated the number of active applications for surface mining has leveled off and the average  
281 processing time for an aggregate application is almost 9 months, which has increased from earlier in  
282 the year due to the upsurge in submissions. Permit applications are processed in the order they are  
283 received and moved forward as applicants respond to deficiencies. Staff continue to communicate  
284 this proactively to applicants and existing permittees. Staff are moving through them as quickly as

285 possible, and she hopes to have the overall number of active applications reduced over the next 6-12  
286 months.

287  
288 Lewis reviewed the newsletter with the Board to show the Program has been providing updates to  
289 permittees regarding the increase in application timelines. The focus of the Fall 2021 issue is  
290 DOGAMI requirements for the exploration permits, in response to the recent influx of applications.  
291 Staff have developed additional FAQ's and guidance to answer the questions they most commonly  
292 receive. She said this is an example of how the ENGAGE newsletters have become a foundation of  
293 MLRR's outreach to the regulated community and the public. The newsletters are posted to the  
294 website, archived and available to the public.

295  
296 Chair Maffei asked how frequently the newsletter are being produced. Lewis said they are being  
297 done quarterly/seasonally and there have also been two or three special edition newsletters on  
298 specific topics such as Civil Penalties, and they can be produced any time in response to a need to  
299 share information.

300  
301 Compliance Update

302 Lewis introduced Cari Buchner, Mining Compliance Specialist, to discuss the compliance portion of  
303 the update.

304  
305 Buchner reviewed the map that showed the compliance activity across the state and the summary  
306 table. They do not reflect significant change since the last update. She said there was a small  
307 increase in total active compliance actions over the last quarter, but it does not include the number  
308 of actions resolved, or the fluctuation in the pool. The Program has resolved 30 actions since January  
309 1, 2021 and it initiated 45.

310  
311 Buchner said the Civil Penalty Fact Pattern for non-payment of renewal fees has been added to the  
312 MLRR update. As the delegated authority for the Governing Board, the State Geologist approved  
313 four Civil Penalties for nonpayment this quarter. These are in line with the previous approvals by the  
314 Governing Board.

315  
316 Buchner provided an update on the Mining Without a Permit (MWOP) cases. The Program's first  
317 MWOP case, that is currently in progress, is Morgan Creek. In early July the respondents hired  
318 consultants to conduct necessary analyses and draft reports and reclamation plans. MLRR  
319 anticipates meeting soon to review the plans with the consultants. Counsel is working on drafting  
320 final settlement agreement language. In the meantime, both parties have agreed to go forward with  
321 evaluating technical plans.

322  
323 Chair Maffei asked to be reminded of the case for clarification purposes. Buchner stated Morgan  
324 Creek is in Douglas County and is the case that has been assessed a Civil Penalty that was requested  
325 to go to contested case. It has been in progress for over a year.

326  
327 Buchner provided an update on the two cases that have received preliminary approval from the  
328 Board for pursuing Civil Penalties, Ekroth Quarry in Tillamook County and Blossom Gulch in Coos  
329 County.

330

331 At the Ekroth quarry, the agencies are expecting a revised set of plans in the next few weeks. The  
332 site remains compliant with the Suspension Order. The permittees consultant is coordinating with  
333 the agencies involved to gather the details necessary to meet each agency's requirements. She said  
334 at the last Board meeting it was mentioned this one will likely come back to the December meeting  
335 with a penalty amount, but it will depend on how things play out between now and then.  
336

337 Chair Maffei asked what other agencies are involved in this action. Buchner said this one involves  
338 Oregon Department of Forestry (ODF) and the Department of State Lands (DSL). Maffei asked if it  
339 was the mining operation that encroached on state-owned lands. Buchner answered yes.  
340

341 Buchner said the Blossom Gulch site in Coos County was introduced at the last Board meeting,  
342 because it was quickly escalating to a 7 on the continuum of Mining Without a Permit. This was a  
343 situation where some mining activity was impacting the Blossom Gulch stream which is essential  
344 Salmonidae habitat. Since that time, the operator has been in compliance with the Suspension  
345 Order, and have established communications with the Department regarding their application  
346 submissions. At this point the urgency has decreased in pursuing the penalty amount and pushing  
347 forward because they are showing signs of being willing to come into compliance.  
348

349 Chair Maffei said it would be helpful in the next meetings to have maps, slides, and photos available  
350 during the update. Buchner welcomed the suggestion and will include them next time.

351 Grassy Mountain Project Update

352 Lewis said the applicant submitted a revised Groundwater Baseline Data Report to DOGAMI for the  
353 Grassy Mountain Project, on September 1, 2021. It will be delivered to the Technical Review Team  
354 Water Resources subcommittee for their review. This is the second submission in response to the  
355 State's request for additional information in February 2020. Their first submission was a revised  
356 Wildlife Baseline Data Report, which was approved in February 2021. There is no statutory deadline  
357 for this phase of view, but Karl Wozniak, DOGAMI's Chemical Process Mining Coordinator, has been  
358 proactively working with the partner agencies to facilitate a timely review and response to the  
359 applicant. Lewis said the applicant has confirmed that a revised Geochemistry Baseline Data Report  
360 will be submitted next, followed by a revised full application sometime this fall.  
361

362 Kozlowski asked how the relationship is with Calico and if it continues to be as effective as it has been  
363 previously reported. Lewis said yes, the Calico project manager retired in April and there are  
364 contractors managing the project now who are working Karl, and she meets monthly with the CFO  
365 and President of the company to review any higher-level concerns and to make sure the billing  
366 invoicing and communication are on track. The next quarterly meeting is next Thursday, it will  
367 include DOGAMI's CFO, Steve Dahlberg, and a review of the budgeting process.  
368

369 Kozlowski asked Lewis with her dual role, how is MLRR being managed and how stressful is it for her.  
370 Lewis said she is privileged to have the staff she has and to have built the teamwork and coordination  
371 among them over the last 3 years. They are able to support her and the Agency in taking on this role.  
372 She did have a conversation with them about what the indicators might be if they need to think  
373 about additional help, by appointing an interim manager or delegating certain responsibilities. But  
374 two weeks in, she is comfortably delegating things she can to the staff who are really the technical  
375 experts on these things. She stated so far so good.  
376

377 Kozlowski asked if the KPM for mining will be discussed. Lewis said she did not have anything  
378 formally prepared, but she would answer any questions they had.

379  
380 Chair Maffei said the goal is to inspect 50% of the sites the first year and complete 100% by the end  
381 of the biennium. She asked Lewis what the chances are of this realistically being done. Lewis said  
382 under current staffing it is not realistic.

383  
384 Ashford asked if that is what the Program should be doing and said he is not sure it should. Maffei  
385 said she was not sure if there is legal obligation to inspect every mine site, whether it is in the permits  
386 or in state regulations the Agency has to conduct inspections (is a statute requirement for these  
387 inspections). If it is, there is a different problem. She said Ashford posed the question correctly,  
388 which is should the Program be inspecting every single mine site, or does it just respond to reports  
389 of concerns, which she believes is happening now.

390  
391 Lewis said statutorily there is a requirement to inspect sites around certain permit actions, such as  
392 new permits issued, and they are also doing site visits for amendments, transfers and responding to  
393 complaints. She said the goal should be to inspect sites as often as needed to maintain compliance.  
394 Putting a timing on that is site dependent in some ways. She believes DEQ permits are inspected  
395 once during the life of the permit, and those permit cycles are 5-10 years for their stormwater water  
396 quality permit, which DOGAMI administers. For the mines and the permits DOGAMI issues, it can  
397 vary in length of time from 2-5 years to tens of years. There are other techniques that might be used,  
398 such as satellite imagery to do spot checks for mining outside of boundaries, but it is still staff  
399 dependent, because it takes time to review the images and then follow up for compliance reasons.

400  
401 Chair Maffei said she would like at the next Board meeting, during the MLRR update, to have options  
402 presented to the Board to modify/adjust the KPM that is actually achievable. Ashford said instead of  
403 coming up with an achievable goal, change it to a goal that makes sense for the State. How often  
404 should the Program be inspecting sites to ensure they are in compliance, and utilizing the satellite  
405 imagery, as an example, as a great opportunity to save labor and cover more sites. If compliance  
406 issues are found, they should be inspected.

407  
408 Kozlowski agreed with Ashford, and believes Lewis would have the criteria that would be more  
409 effective to use in terms of what Ashford suggested. She suggested having Lewis come back to the  
410 Board with those ideas to review. Maffei said it needs to be a metric that can be measured and not  
411 just a narrative, which is the point of the KPMs. Maffei asked Lewis to delegate it and bring it back to  
412 the next Board meeting, so the Board can discuss how to achieve the right goal for the State.

413  
414 Kozlowski asked if there is something that precludes the use of drones. Lewis said, yes, they have to  
415 have permission to fly a drone over a site. As far as an inspection, the drones would be a good tool,  
416 but they would not replace on the ground inspections. A lengthy discussion took place the use of  
417 drones and satellite imagery. Lewis will work toward providing a presentation to the Board on  
418 alternate KPMs to measure the MLRR program performance and meet State targets and guidelines.  
419 She asked to extend the timeline to do the presentation to the Board since the KPMs are part of the  
420 budgetary cycle. Maffei said that is fine, but she does not want to miss the opportunity. Ashford  
421 asked Lewis, as part of the effort, to provide the best practice of screening, when to visit a site, and  
422 what tools are available to the staff. He said this information might be helpful to the Board.

423  
424 Briefing: **No Board Action Required.**

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**8) GS&S Update:**

Bob Houston, GS&S Program Manager and Legislative Coordinator, provided an update on the GS&S program.

Since June’s update the Program has released six new publications: Geology of the North Half of the Lower Crooked River Basin, Crook, Deschutes, Jefferson, and Wheeler Counties; Natural hazard risk reports for Coos County, Hood River County, Sherman County, and Wasco County; and Tsunami Inundation Modeling Update for the Northern Oregon Coast: Tillamook and Clatsop Counties. The Department has published 12 publications so far this year and with the anticipated upcoming publications, expects to surpass the previous 5-year average of 14 publications per year.

The Agency has submitted a 10-day letter to the legislature for authorization during the September Legislative Days to apply for the USGS STATEMAP program federal grant. The proposed grant would provide continued funding for a geologic mapping project in the Milton-Freewater and Athena region of Umatilla County in northeastern Oregon. This data is needed to model subsurface geologic conditions that control the distribution and movement of groundwater. This potential opportunity supports DOGAMI’s mission and goals to provide earth science information to make Oregon safe and prosperous.

Staff remain focused working on existing projects, closing others out, developing new projects, and exploring new options. There are currently 30 active grants. Houston said he sees possible/potential grant opportunities in the following areas: post wildfire landslide and debris flows; developing an “Oregon specific” probabilistic tsunami inundation model analysis; channel migration and flood zone analysis; geologic mapping for determine groundwater resources in and area; county level multi-hazard risk assessments; and lidar data collection projects.

As the Agency progresses through the biennium, some of these opportunities may become available, provided that the limitations on the grant does not impact its ability to end the biennium with a reasonable underbudget General Fund cushion. DOGAMI is working with commitment and a sense of urgency toward maintaining a financially stable and healthy organization that provides outstanding and critical earth science information and regulation. Staff have been working with a sense of commitment and urgency to maintain financial stability on grants. There has been constant communication with project managers, the Business Office, and Program Manager to stay on track with respect to the deliverable timeframe to ensure the Agency is coming in on time and underbudget. Chair Maffei stated grant monitoring is not on autopilot and requires daily conversations to ensure the Agency is staying on budget and not exceeding General Fund.

Ashford asked how the Oregon specific tsunami modeling is compared to the nationally adopted modeling. Houston said the HB 2605 accepted the ASCE Model, which is a global average of subduction zone type inundation and earthquakes, but Oregon is an outlier with respect to all subduction zones around the world. Ashford said to keep in mind that global models do averaging, but in the design process there are several steps taking into account how the previous steps were developed. The Oregon specific model might be more accurate for Oregon, but it will not fit into the design process very well. If the Agency does do something, it needs to be done in a holistic manner and look at the whole process and how it fits in, so there is not a mismatch between what it does and what the ultimate goal of the design process is. Houston agreed and said that before the Agency

472 submits an application to work on an Oregon specific probabilistic model, it would need to do a lot of  
473 vetting with the various stakeholders and the scientific community, including ASCE engineers that  
474 would ultimately be reviewing that consideration.  
475

476 Kozlowski said they do want accurate information for local coastal communities, it is critical for  
477 evacuations which it may not necessarily fit into the global/international community. Kozlowski then  
478 asked where the Agency is in mapping the post wildfire areas. Houston said the Agency is pursuing  
479 post wildfire landslide and debris flow investigations in its current FEMA CTP grant proposals, and  
480 other opportunities that become available. He sees this as a key role DOGAMI can play in building  
481 resiliency to post fire hazards. There will be a field trip in this area for LFO, DAS CFO, and DAS ETS to  
482 talk about the products that DOGAMI produces and the work that is involved in completing a project.  
483 He wanted to make clear that the tsunami inundation deterministic models are appropriate for the  
484 tsunami evacuation modeling. The probabilistic modeling would be used for construction in the  
485 tsunami zone, by identifying what the flood height and velocities would be, not for evacuation  
486 purposes. Kozlowski said DOGAMI has done a great job on the Beat the Wave, which has been an  
487 important addition to evacuation modeling and great tool for coastal communities and they really  
488 appreciate it.  
489

490 Briefing: **No Board Action Required.**  
491

492 **9) Director's Report:**

493 Interim Director Lewis stated this is her first update to the Board and wanted to review the focus  
494 areas for the Leadership Team during this transitional period between permanent Directors. She  
495 really sees their job as carrying the Agency safely afloat to the next Director. They do not intend to  
496 make any abrupt moves or sudden turns.  
497

498 Lewis said the first focus is to monitor the budget closely. The Business Office staff are continuing to  
499 refine the tools used to share data with project managers and develop new tools to assist leadership  
500 in informed decision making for General Fund expenditures, which includes closely working with the  
501 DAS analyst to develop projections for the 21-23 biennium. Leadership is continuing to meet with  
502 DAS CFO and LFO analysts, and the Governor's Office Policy Advisor.  
503

504 The next focus is to meet key legislative deadlines and requirements. The Agency is scheduled to  
505 participate in hearings during legislative days next week to request approval for new grant  
506 applications. The Agency is on track to deliver a response to the budget note from the legislature  
507 directing DOGAMI to explore the feasibility of working with DEQ's online permitting system for  
508 MLRR's ePermitting needs. DOGAMI's contractor worked with MLRR staff to develop process maps  
509 and business requirements for key permitting workflows that were turned over to DEQ last week.  
510 The response to the budget note will include a cost estimate from DEQ's vendor and a proposed  
511 project timeline. This is not an approval to move forward with this, it is simple a response to a  
512 request for information. It does not mean the Agency is agreeing to anything, it would still need to  
513 develop a funding mechanism and make sure the proposed timeline worked for both agencies, or  
514 explore other options needed. Chair Maffei said this is just a step along the way. Lewis said the KPM  
515 reporting completed today will allow the agency to meet the legislative deadline.  
516

517 The third focus is for the Agency to implement necessary state enterprise initiatives that include  
518 enterprise-wide IT projects, such as a migration of Agency email addresses in mid-October, and some



519 short-term planning with respect to continued remote work and office reopening. Originally state  
520 offices were supposed to open September 1st, but due to the resurgence of the delta variant, offices  
521 remain closed to the public for the next few months, and most staff are working remotely.  
522 Leadership has been directed by the State to develop those plans for reopening when that occurs,  
523 which at this point is likely a few months off. The Leadership Team has been working to ensure it is  
524 considering all the factors about what remote work and office reopening will look like for the staff,  
525 the public facing services, and continued success of delivering the Agency products.

526  
527 Lewis said the last focus for the agency is to keep lines of communication open internally as DOGAMI  
528 navigates these months in transition, which has been a key concern throughout the Agency, and she  
529 will personally be focusing on this as Interim Director. She said this has been an extraordinary past  
530 few years for her in her role and for the Agency overall. She views this interim period as an  
531 opportunity to take small steps to build a strong agency in the service of the natural resources and  
532 people of Oregon.

533  
534 Lewis thanked the Board for the opportunity to serve as the Interim Director and as State Geologist  
535 after the retirement of Director Avy and during the new DOGAMI Director recruitment.

536  
537 Ashford said he is really thankful that Lewis was willing to step in as Interim Director. It is really great  
538 for the Agency, and it gives a high comfort to himself and the other Board members. He thanked her  
539 for serving in the role.

540  
541 Kozlowski agreed with Ashford. She asked about the return to the office and how it will look. Lewis  
542 said agencies have been directed to be flexible as possible while still meeting key business needs.  
543 Leadership expects to have quite a few staff continue to work remotely.

544  
545 Chair Maffei said to some degree it is not up to Lewis to decide, it is up to what the Governor's Office  
546 tells the Agency it needs to do.

547  
548 Kozlowski said everyone is grappling with this, there are real advantages to working at home, but  
549 there are also advantages to teamwork and coming together. It is going to be a real challenge for  
550 everyone over the next year or so.

551  
552 Briefing: **No Board Action Required.**

553  
554 **10) Confirm Time and Date for Next Meeting:**

555 Chair Maffei stated the next DOGAMI Board is currently scheduled for Friday, December 10, 2021 at  
556 8:30 a.m. – 1:00 p.m. in Portland or via Zoom. She confirmed this date is still acceptable for the  
557 Board.

558  
559 Chair Maffei informed the Board the information in the Board Packet has changed regarding a Special  
560 Board meeting to discuss recruitment and appointing a new Agency Director. The Friday, October 8,  
561 2021 date will not happen. The Board discussed possible Executive Session recruitment dates. It was  
562 decided to hold November 1 and November 8, 11:00 a.m. – 1:00 p.m. on both dates.

563  
564 Kozlowski asked for a reminder on the next steps for the Board. Maffei reviewed the interview  
565 process with the Board. She said the selection meeting may have several candidates to review.

566

567 **11) Public Comment:**

568 Only written comments received prior to or by 1:30 p.m. on the day of the meeting were to be  
569 accepted. Chair Maffei asked for any written public comments. No public comments.

570

571 **12) Board Adjourn:**

572 Chair Maffei adjourned the meeting at 10:53 a.m.

573

574 APPROVED

575

576

577

578 \_\_\_\_\_  
579 Laura Maffei, Chair

DRAFT

# Staff Report and Memorandum

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

From: Lori Calarruda, Executive Assistant

Date: December 3, 2021

**Regarding: Agenda Item 7 – Confirm 2022 Board Meeting Dates**

Below are the Proposed 2022 Board Meeting Dates.

Proposed dates:

**March 4, 2022 (Friday)** – alternate date is March 29, 2022 (Tuesday)

**June 16, 2022 (Thursday)** – alternate date is June 21, 2022 (Tuesday)

**September 27, 2022 (Tuesday)** – alternate date is September 29, 2022 (Thursday)

**December 15, 2022 (Thursday)** – alternate date is December 1, 2022 (Thursday)

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

# Staff Report and Memorandum

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

From: Sarah Lewis, Interim Director/MLRR Program Manager, and Cari Buchner, Mining Compliance Specialist

Date: December 3, 2021

**Regarding: Agenda Item 8 – Civil Penalties**

Sarah Lewis, MLRR Program Manager, and Cari Buchner, Mining Compliance Specialist, will present a proposed settlement agreement related to Civil Penalties.

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

# Staff Report and Memorandum

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

From: Sarah Lewis, Interim Director/MLRR Program Manager, and Cari Buchner,  
Mining Compliance Specialist

Date: December 2, 2021

**Regarding: Agenda Item 11 – Civil Penalties Decision**

The Board will take action on the Civil Penalties Decision.

***Proposed Board Action: The Civil Penalties Decision will be accepted as discussed in the Executive Session.***

# Staff Report and Memorandum

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

From: Steve Dahlberg, Chief Financial Officer

Date: December 2, 2021

**Regarding: Agenda Item 12- Financial Report**

Attached is the DOGAMI Budget Status Report, as of October 31, 2021 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:** December 10, 2021

**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 2022 (July 2021 – June 2022)

The information in this board report is as of October 31, 2021, which is four (4) months into the new biennium. The revenue collections, accounts payable, indirect cost capture, and financial system structure set up are routine and our normal processing. The business office team works well together, internally to the agency, with DAS, and our external customers. We look forward to the new biennium and continuing providing great service and information to our stakeholders.

#### Geological Survey & Services (GS&S) Program

As of October 31, 2021

	2021-23 Projected Revenue & Expenditures			
	General Funds	Other Funds	Federal Funds	All Funds
Total Available Revenue	\$ 6,339,407	\$ 1,532,500	\$ 5,048,243	\$ 12,920,150
Total Expenditures	\$ (5,774,307)	\$ (1,138,889)	\$ (4,919,137)	\$(11,832,333)
GS&S Ending Balance	\$ 565,100	\$ 393,611	\$ 129,106	\$ 1,087,817

The General Fund is projected to be under-budget by \$565,100 (8.9%). Included in the projection are amounts earmarked for publicity and public outreach, grant preparation, web site upgrade, consulting for the strategic planning initiative, continuing to replace aging technology, and employee training. This projection demonstrates there is potential capacity for critical scientific work that is not grant funded and considering grants that may have a match requirement and/or less than full indirects. Anticipating the arrival of a new executive director, there is flexibility for their input in planning DOGAMI's discretionary spending in this biennium.

The Other Fund is projected to have an ending balance is \$334,757. The projected expenses are 53.9% under the budgeted expense limitation.

The Federal Fund is projected to have an ending balance is \$40,547. The projected expenses are 17.1% under the budgeted expense limitation. The Federal Fund revenues are heavily weighted with lidar projects at \$3,118,541 in projected revenues. The major funders are FEMA at \$1,271,364, USGS for \$1,099,031 (2 projects waiting for USGS approval) and BLM at \$748,145 (see lidar graphs). These amounts may increase with new lidar projects successfully awarded in mid-late 2022 or early 2023.

### **Mineral Land Regulation & Reclamation (MLRR) Program**

As of October 31, 2021

<b>2021-23 Projected Revenue &amp; Expenditures</b>		
	Other Funds	All Funds
Total Available Revenue	\$ 4,694,900	\$ 4,694,900
Total Expenditures	\$ (3,908,765)	\$ (3,908,765)
MLRR Ending Balance	\$ 786,135	\$ 786,135

The MLRR Program is projected to finish the biennium with a robust ending balance of \$786,135, This is in-line with expectations from the fee increase (January 2020) and careful operational spending. At the next Board meeting, we'll provide an update on the performance of the fee increase toward the intended six-month operating balance for MLRR.



## Strong Motion Instrument Fund (SMIF)

As of October 31, 2021

### 2021-23 Actual Revenue & Expenditures

	Other Funds	All Funds
Beginning Balance (July 1, 2021)	\$ 260,376	\$ 276,926
Total Available Revenue	\$ 35,300	\$ 35,300
Total Expenditures	\$ (187)	\$ (187)
SMIF Ending Balance	\$ 295,489	\$ 312,039

The Strong Motion Instrument Fund has a current ending balance of \$295,489. There is a new work order signed with the University of Oregon to supply the funding through December 2023 for 24 new sensors in 18 new sites. Since the start of this biennium, there have been two (2) payments into this Fund with another payment of \$17,800 expected in the next few months.

## Reclamation Guarantee Fund

As of October 31, 2021

Beginning 2021-23: 58 Cash Securities	\$ 669,943
0 New Securities	\$ -
0 Security Releases	\$ -
Biennium to Date: 58 Cash Securities	\$ 669,943

The Reclamation Guarantee Fund retains \$669,943 in cash securities. There were no changes since the last Board meeting.

## Business Office Activities

### *Grant Reporting and Tracking*

All required grant financial reporting is complete and up to date. We continue our monthly project manager meetings, using tracking tools and project financials to review the financial status and project updates. These regular monthly meetings have been very helpful for all parties involved. There have been new tools created to help the project managers with their planning in the final quarter of the grant to ensure success and staying within their budget. Our project managers appreciate the information and support from the Business Office.

### ATTACHMENTS:

DOGAMI Financial Report

Department of Geology & Mineral Industries  
Budget Status Report: October 2021

% of Time Spent of 2 years 17%
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**Geological Survey & Services (GS&S) Program**

Budget Category / Line Item	2021-23 Budget by Funding Source				2021-23 Actual Revenue & Expenditures				Actual Budget Spent				2021-23 Projected Revenue & Expenditures				2021-23 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
<b>Revenue</b>																								
Beginning Balance	-	750,913	-	750,913	-	320,665	(25,920)	294,745					-	-	-	-	-	320,665	(25,920)	294,745				
2021-23 Revenue & Trans	6,339,401	2,149,316	5,772,087	14,260,804	1,028,671	173,406	370,025	1,572,103					4,745,637	979,575	4,481,822	10,207,034	5,774,307	1,152,981	4,851,848	11,779,136				
<b>Total Available Revenue</b>	<b>6,339,401</b>	<b>2,900,229</b>	<b>5,772,087</b>	<b>15,011,717</b>	<b>1,028,671</b>	<b>494,071</b>	<b>344,106</b>	<b>1,866,848</b>	<b>16%</b>	<b>17%</b>	<b>6%</b>	<b>12%</b>	<b>4,745,637</b>	<b>979,575</b>	<b>4,481,822</b>	<b>10,207,034</b>	<b>5,774,307</b>	<b>1,473,646</b>	<b>4,825,928</b>	<b>12,073,882</b>	<b>91%</b>	<b>51%</b>	<b>84%</b>	<b>80%</b>
<b>Expenditures:</b>																								
<i>Personnel Services</i>	3,746,514	540,334	2,262,158	6,549,006	555,626	116,515	225,446	897,587	15%	22%	10%	14%	3,134,483	695,781	1,292,514	5,122,778	3,690,109	812,296	1,517,960	6,020,365	98%	150%	67%	92%
<i>Services &amp; Supplies</i>																								
Instate Travel	34,832	67,557	151,380	253,769	7,155	1,446	-	8,601					62,500	29,000	18,250	109,750	69,655	30,446	18,250	118,351	200%	45%	12%	47%
Out of State Travel	18,200	25,153	7,066	50,419	-	-	-	-					10,000	10,000	7,000	27,000	10,000	10,000	7,000	27,000	55%	40%	99%	54%
Employee Training	31,290	11,826	8,931	52,047	8,177	-	-	8,177					22,000	3,210	-	25,210	30,177	3,210	-	33,387	96%	27%	0%	64%
Office Expenses	31,290	35,028	1,510	67,828	1,166	-	319	67,828					21,000	-	1,484	21,500	22,166	-	819	22,984	71%	0%	54%	34%
Telecomm	93,605	484	15,612	109,701	12,557	-	-	12,557					70,706	-	-	70,706	83,263	-	-	83,263	89%	0%	0%	76%
State Gov't Svc Chg	331,063	-	-	331,063	158,273	-	-	158,273					172,751	-	-	172,751	331,024	-	-	331,024	100%	-	-	100%
Data Processing	308,795	-	7,294	316,089	23,835	-	-	23,835					467,000	-	-	467,000	490,835	-	-	490,835	159%	-	0%	155%
Publicity & Publications	70	5,330	64,253	69,653	680	-	6,942	7,621					26,000	-	13,000	39,000	26,680	-	19,942	46,621	38114%	0%	31%	67%
Professional Services	165,467	730,275	3,057,430	3,953,172	830	3,618	17,730	22,179					186,000	213,912	2,711,775	3,111,687	186,830	217,530	2,729,505	3,133,866	113%	30%	89%	79%
IT Professional Services	9,387	88,112	-	97,499	22,326	-	-	22,326					90,563	-	10,500	101,063	112,888	-	10,500	123,388	1203%	0%	-	127%
Attorney General	20,492	-	-	20,492	1,749	-	-	1,749					23,100	-	-	23,100	24,849	-	-	24,849	121%	-	-	121%
Employee Recruitment	1,043	1,512	-	2,555	-	-	-	-					10,000	-	-	10,000	10,000	-	-	10,000	959%	0%	-	391%
Dues & Subscriptions	7,301	1,028	2,368	10,697	220	-	-	220					3,150	-	-	3,150	3,370	-	-	3,370	46%	0%	0%	32%
Lease Payments & Taxes	458,432	243,316	77,595	779,343	1,170	-	-	1,170					468,444	-	-	468,444	469,614	-	-	469,614	102%	0%	0%	60%
Fuels & Utilities	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Facilities Maintenance	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Medical Services	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Agency Related S & S	-	-	-	-	190	-	18,314	18,503					-	-	10,000	10,000	190	-	28,314	28,503	100%	-	-	-
Intra agency Charges	-	-	-	-	-	-	-	-					118,000	-	15,000	133,000	118,000	-	15,000	133,000	100%	-	-	-
Other Services & Supplies	735,690	700,080	53,660	1,489,430	202,482	74	-	202,557					245,352	-	10,500	255,852	447,834	74	10,500	458,408	61%	0%	20%	31%
Expendable Prop (\$250-\$500)	8,344	20,758	30,695	59,797	5,725	-	-	5,725					20,000	18,000	-	38,000	25,725	18,000	-	43,725	308%	87%	0%	73%
IT Expendable Property	239,890	-	32,135	272,025	4,200	16	-	4,216					276,974	-	-	276,974	281,174	16	-	281,190	117%	100%	0%	103%
Technical Equipment	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Automotive & Aircraft	-	-	-	-	33,900	-	-	33,900					-	-	-	-	33,900	-	-	33,900	100%	-	-	-
Data Processing Software	97,696	-	-	97,696	-	-	-	-					-	-	-	-	-	-	-	-				0%
Data Processing Hardware	-	-	-	-	-	-	-	-					52,000	-	-	52,000	52,000	-	-	52,000	100%	-	-	-
Other Capital Outlay	-	-	-	-	-	-	-	-					-	-	-	-	-	-	-	-				
Indirect	-	-	-	-	(11,589)	774	468	(10,347)					(734,385)	46,542	427,124	(260,720)	(745,974)	47,316	427,591	(271,066)				
<i>Total Services &amp; Supplies</i>	2,592,887	1,930,459	3,509,929	8,033,275	473,045	5,929	43,771	522,746	18%	0%	1%	7%	1,611,154	320,664	3,223,649	5,155,466	2,084,199	326,593	3,267,420	5,678,212	80%	17%	93%	71%
<b>Total Expenditures</b>	<b>6,339,401</b>	<b>2,470,793</b>	<b>5,772,087</b>	<b>14,582,281</b>	<b>1,028,671</b>	<b>122,444</b>	<b>269,218</b>	<b>1,420,333</b>	<b>16%</b>	<b>5%</b>	<b>5%</b>	<b>10%</b>	<b>4,745,637</b>	<b>1,016,445</b>	<b>4,516,163</b>	<b>10,278,244</b>	<b>5,774,307</b>	<b>1,138,889</b>	<b>4,785,381</b>	<b>11,698,577</b>	<b>91%</b>	<b>46%</b>	<b>83%</b>	<b>80%</b>
<b>GS&amp;S Ending Balance</b>	<b>\$ -</b>	<b>\$ 429,436</b>	<b>\$ -</b>	<b>\$ 429,436</b>	<b>\$ -</b>	<b>\$ 371,628</b>	<b>\$ 74,888</b>	<b>\$ 446,516</b>					<b>\$ -</b>	<b>\$ (36,870)</b>	<b>\$ (34,341)</b>	<b>\$ (71,211)</b>	<b>\$ -</b>	<b>\$ 334,757</b>	<b>\$ 40,547</b>	<b>\$ 375,305</b>				

Department of Geology & Mineral Industries  
Budget Status Report: October 2021

% of Time Spent of 2 years <b>100%</b>
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**Mineral Land Regulation & Reclamation (MLRR) Program**

Budget Category / Line Item	2021-23 Budget by Funding Source	2021-23 Actual Revenue & Expenditures	% Actual Budget Spent to Date	2021-23 Projected Revenue & Expenditures	2021-23 Actual + Projected Revenue & Expenditures	Actual + Projected Budget Total Spent
	Other Funds	Other Funds	OF	Other Funds	Other Funds	OF
<b>Revenue</b>						
Beginning Balance	411,193			411,193	411,193	
2021-23 Revenue & Transfers	4,227,088	1,162,396		3,121,311	4,283,706	
<b>Total Available Revenue</b>	<b>4,638,281</b>	<b>1,162,396</b>	<b>25%</b>	<b>3,532,504</b>	<b>4,694,900</b>	<b>101%</b>
<b>Expenditures:</b>						
<i>Personnel Services</i>	2,982,306	519,430	17%	2,705,657	3,225,087	108%
<i>Services &amp; Supplies</i>						
Instate Travel	70,340	3,677		39,000	42,677	61%
Out of State Travel	-	-		-	-	
Employee Training	15,645	2,580		11,500	14,080	90%
Office Expenses	32,871	3,792		20,000	23,792	72%
Telecomm	46,920	4,898		34,080	38,978	83%
State Gov't Svc Chg	-	-		-	-	
Data Processing	83,330	2,075		48,760	50,835	61%
Publicity & Publications	3,882	184		600	784	20%
Professional Services	562,039	5,663		138,600	144,263	26%
IT Professional Services	-	22,326		5,563	27,888	
Attorney General	123,950	4,041		115,500	119,541	96%
Employee Recruitment	10	-		-	-	0%
Dues & Subscriptions	2,086	373		445	818	39%
Lease Payments & Taxes	85,526	11,400		85,500	96,900	113%
Fuels & Utilities	13,559	787		9,350	10,137	75%
Facilities Maintenance	12,516	1,686		9,350	11,036	88%
Medical Services	-	-		-	-	
Agency Related S & S	-	-		-	-	
Intra agency Charges	-	-		-	-	
Other Services & Supplies	119,063	-		21,000	21,000	18%
Expendable Prop (\$250-\$500)	19,613	-		-	-	0%
IT Expendable Property	25,032	-		-	-	0%
Technical Equipment	-	-		-	-	
Automotive & Aircraft	-	-		-	-	
Data Processing Software	19,697	-		-	-	0%
Data Processing Hardware	-	-		-	-	
Other Capital Outlay	-	-		-	-	
Indirect	-	10,347		70,602	80,948	
<i>Total Services &amp; Supplies</i>	1,236,079	73,828	6%	609,849	683,678	55%
<b>Total Expenditures</b>	<b>4,218,385</b>	<b>593,259</b>	<b>14%</b>	<b>3,315,506</b>	<b>3,908,765</b>	<b>93%</b>
<b>MLRR Ending Balance</b>	<b>419,896</b>	<b>\$ 569,137</b>		<b>\$ 216,998</b>	<b>\$ 786,135</b>	

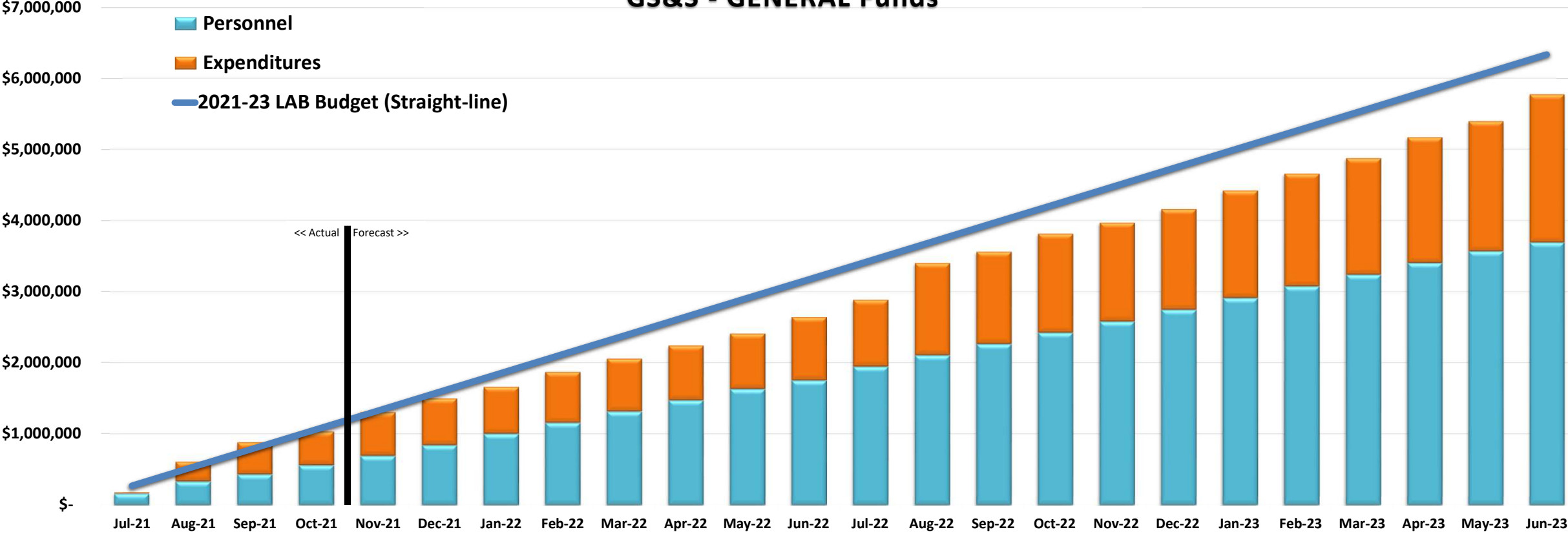
Department of Geology & Mineral Industries  
Budget Status Report: October 31, 2021  
Other programs

Geological Survey & Services	
<b>Strong Motion Instrument Fund (SMIF)</b>	
	Actual Revenue & Expenditures
Revenue:	
Beginning Balance	260,376
AY 2021-23 Revenue	35,300
<b>Total Available Revenue</b>	<b>295,676</b>
Expenditures:	
Personnel Services	187
Services & Supplies:	
Professional Services	-
<b>Total Expenditures</b>	<b>187</b>
<b>SMIF Ending Balance</b>	<b>\$ 295,489</b>

Mineral Land Regulation & Reclamation	
<b>Reclamation Guarantee Fund</b>	
	Beginning 2021-23
58 Cash Security's	\$ 669,943
0 Security releases	\$ -
0 New Securities	\$ -
<b>58 Cash Security's</b>	<b>\$ 669,943</b>

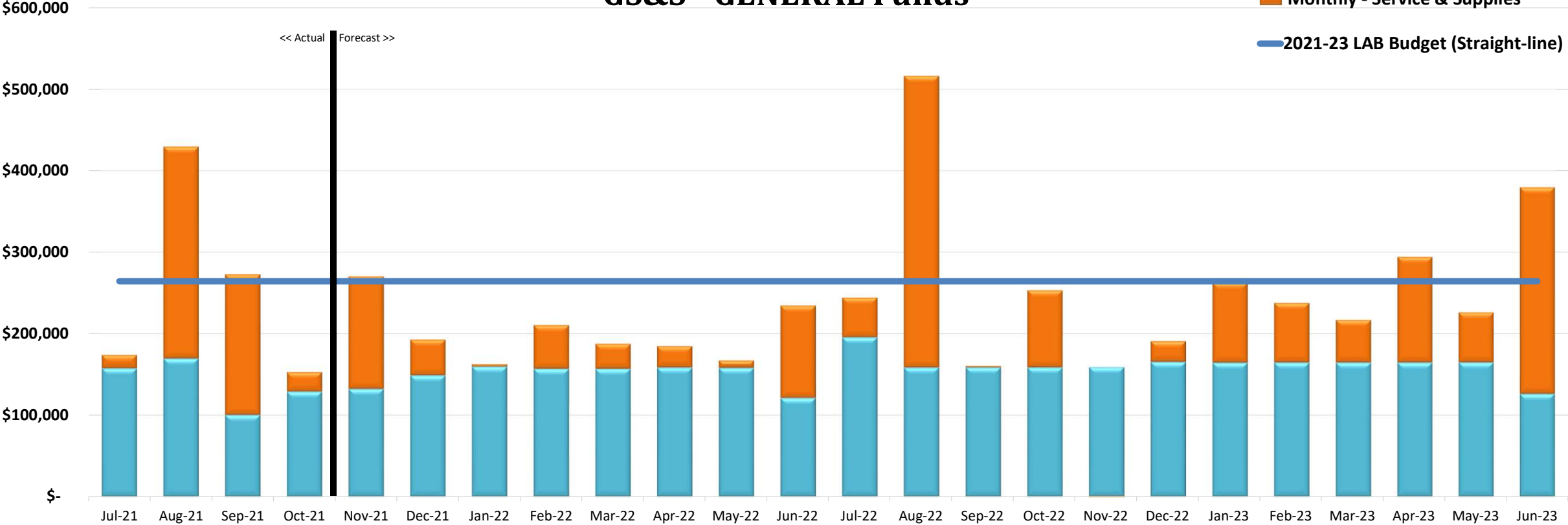
# 2021 - 2023 Running Balance: Budget to Spending

## GS&S - GENERAL Funds

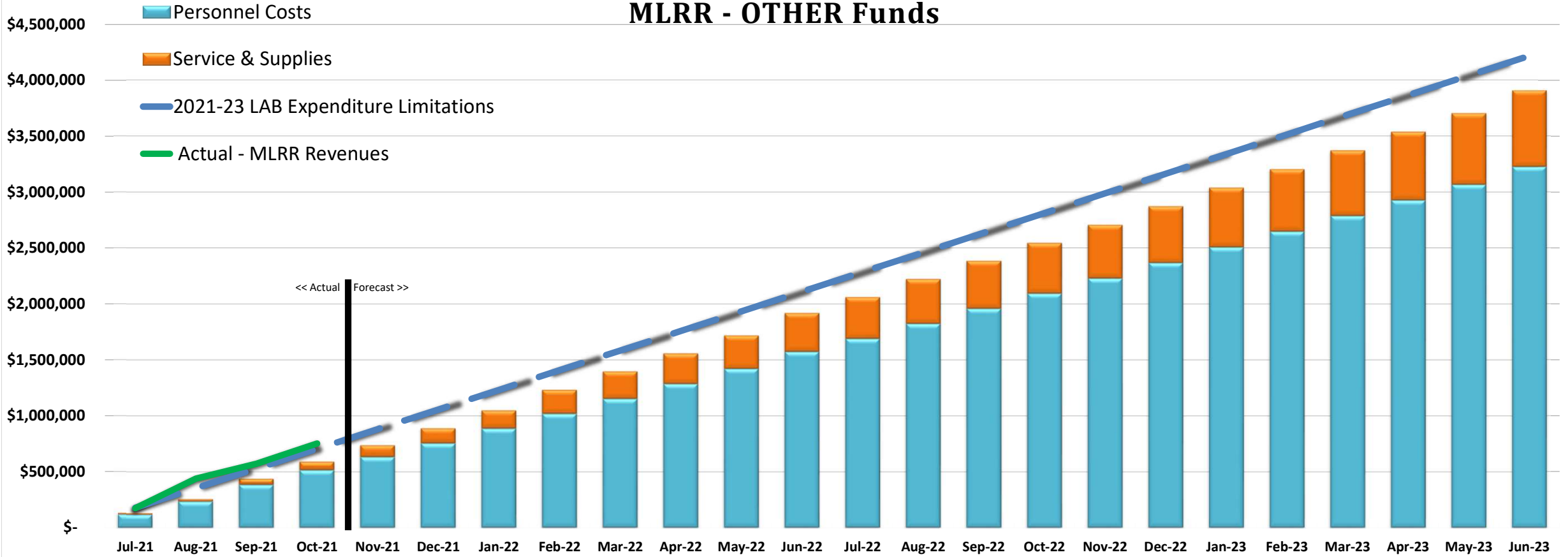


# 2021 - 2023 Monthly Activity GS&S - GENERAL Funds

- Monthly - Personnel Costs
- Monthly - Service & Supplies
- 2021-23 LAB Budget (Straight-line)

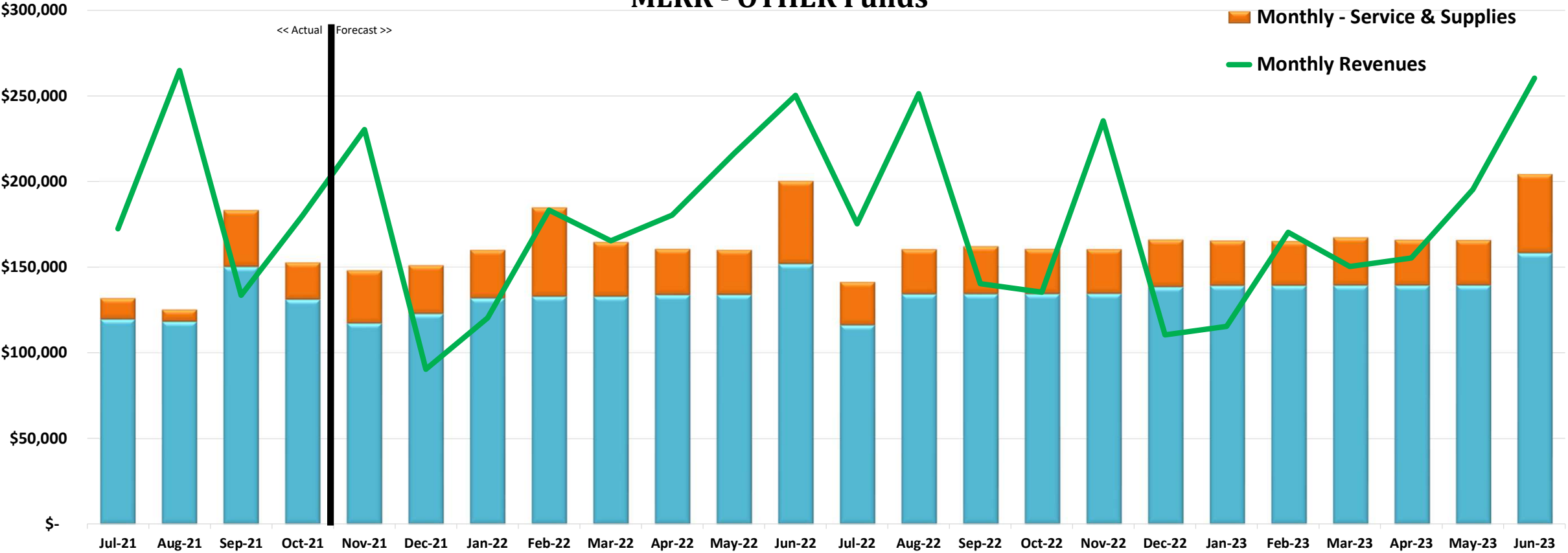


## 2021 - 2023 Running Balance: Budget to Spending MLRR - OTHER Funds

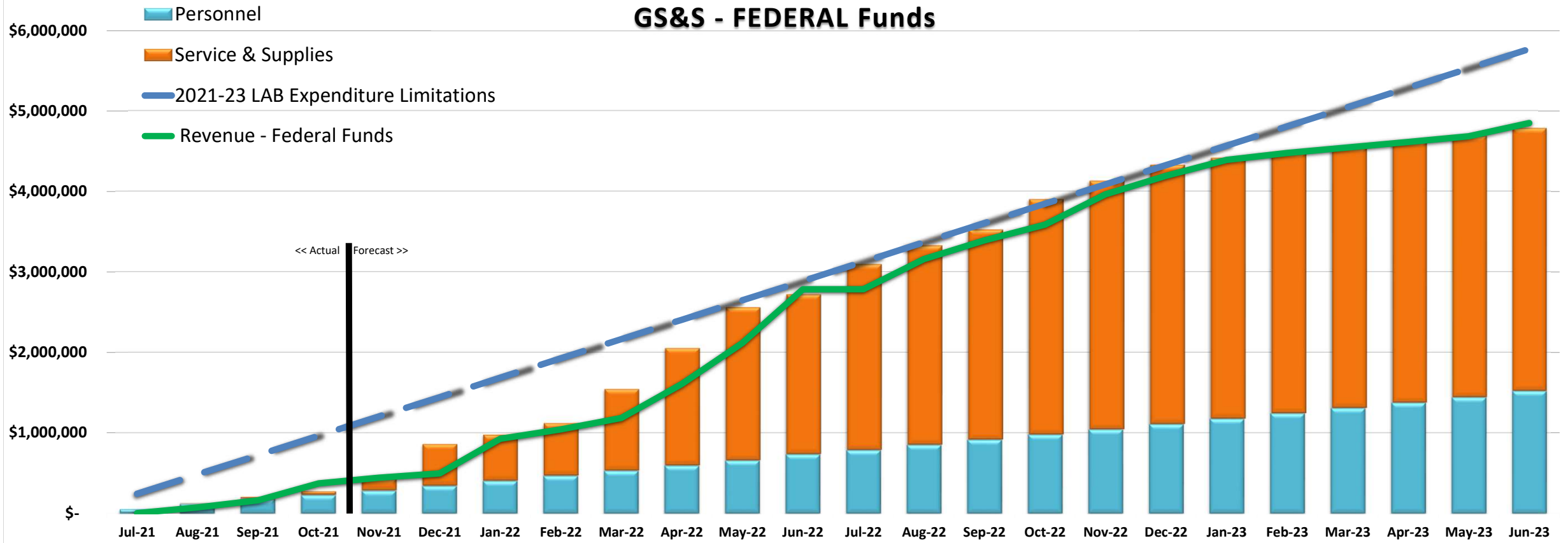


# 2021 - 2023 Monthly Activity MLRR - OTHER Funds

- Monthly - Personnel Costs
- Monthly - Service & Supplies
- Monthly Revenues



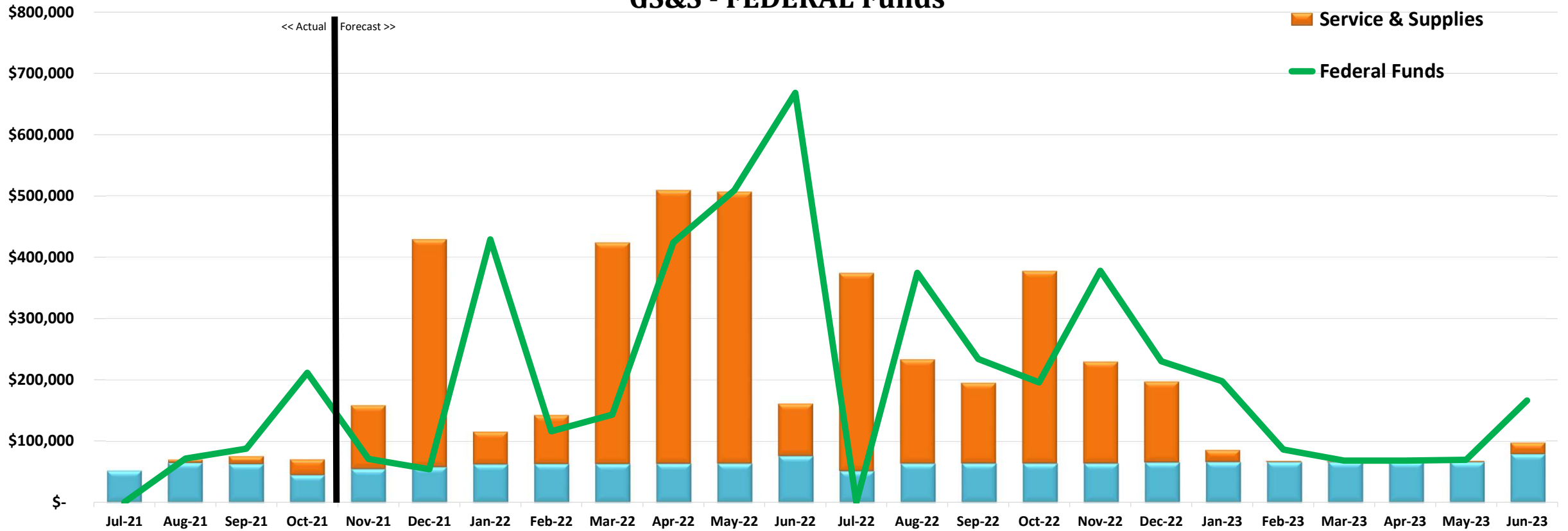
## 2021 - 2023 Running Balance: Budget to Spending GS&S - FEDERAL Funds



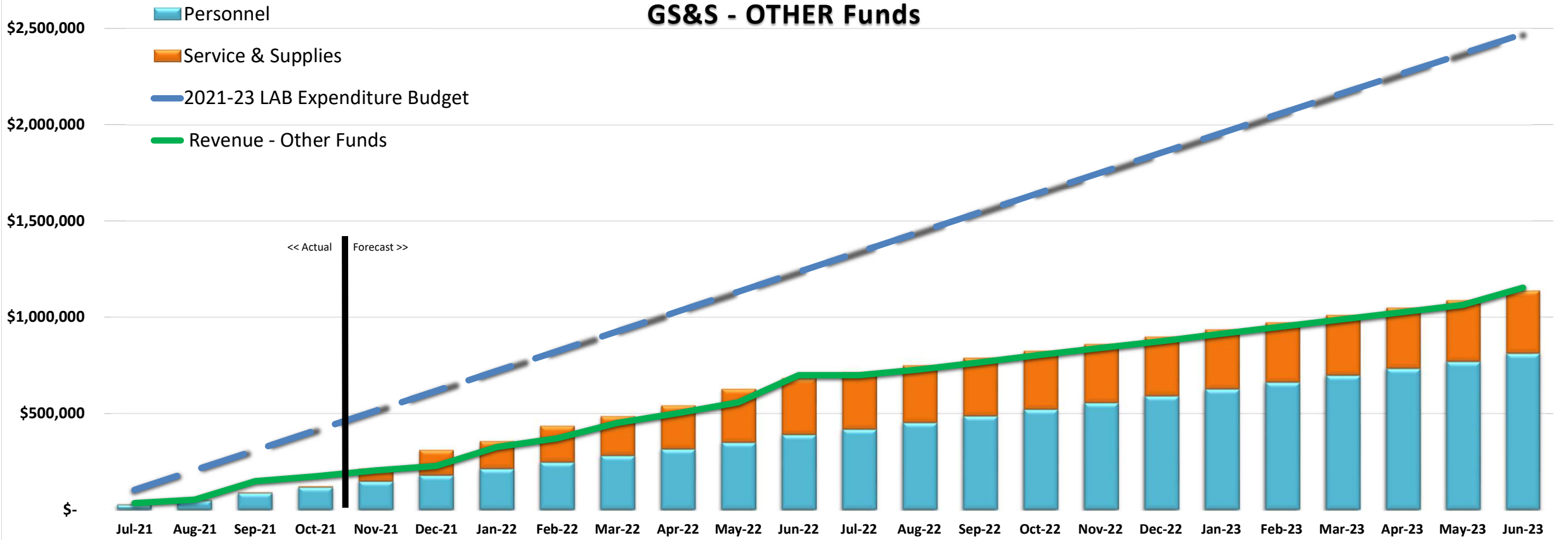


## 2021 - 2023 Monthly Activity GS&S - FEDERAL Funds

- Personnel Costs
- Service & Supplies
- Federal Funds

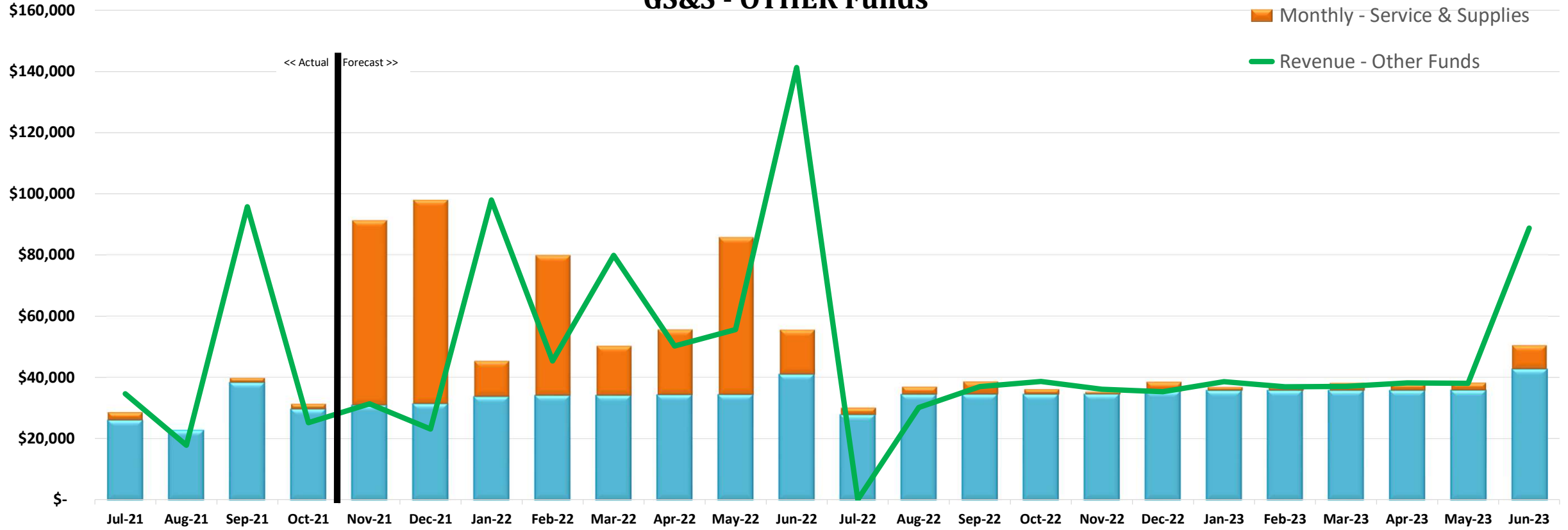


## 2021 - 2023 Running Balance: Budget to Spending GS&S - OTHER Funds

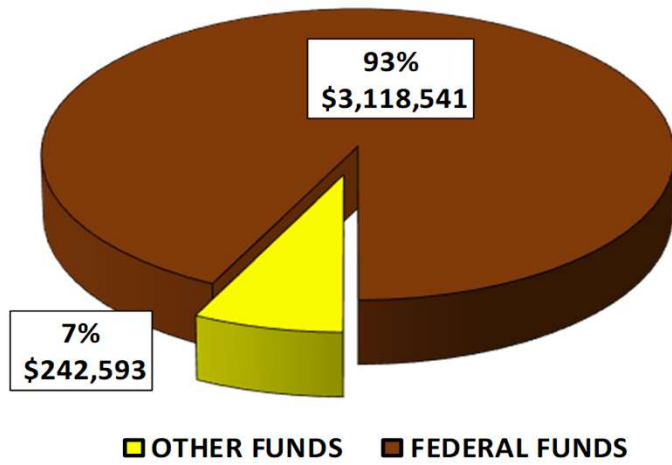


## 2021 - 2023 Monthly Activity GS&S - OTHER Funds

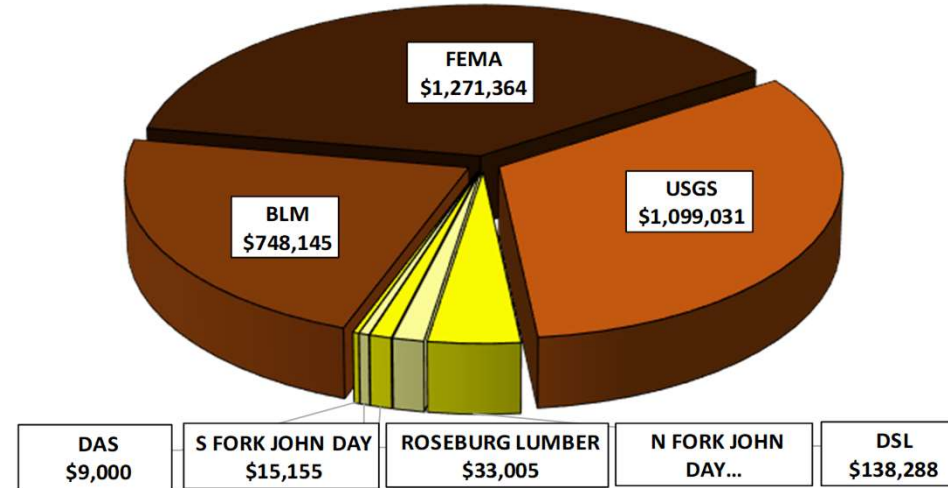
- Monthly - Personnel Costs
- Monthly - Service & Supplies
- Revenue - Other Funds



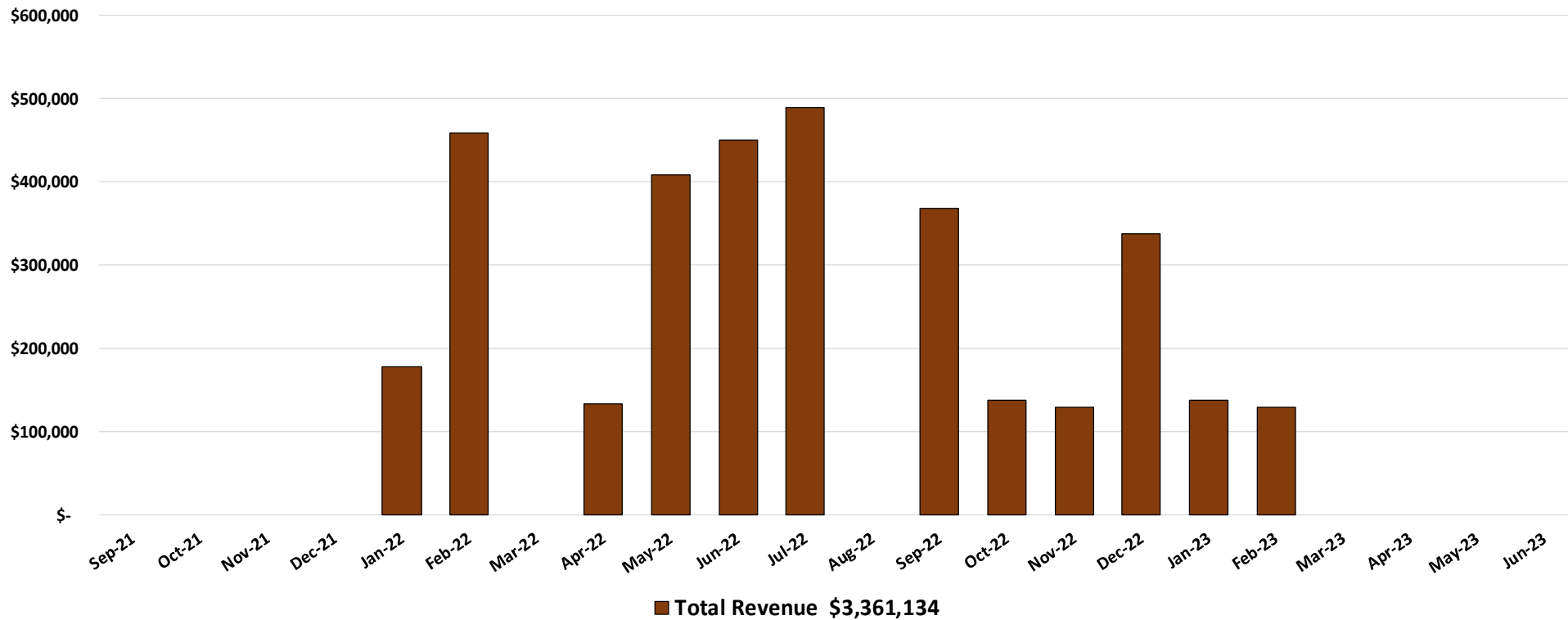
**2021-23 LIDAR PROJECT REVENUE**



**2021-23 LIDAR PROJECT FUNDERS**



**2021-23 LIDAR PROJECT REVENUE**



# Staff Report and Memorandum

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

From: Sarah Lewis, Interim Director & State Geologist

Date: December 2, 2021

**Regarding: Agenda Item 13 – Interim Director’s Report**

Interim Director Lewis will provide an update on the Agency.

## Additional Report Attachments:

MLRR Board Report:

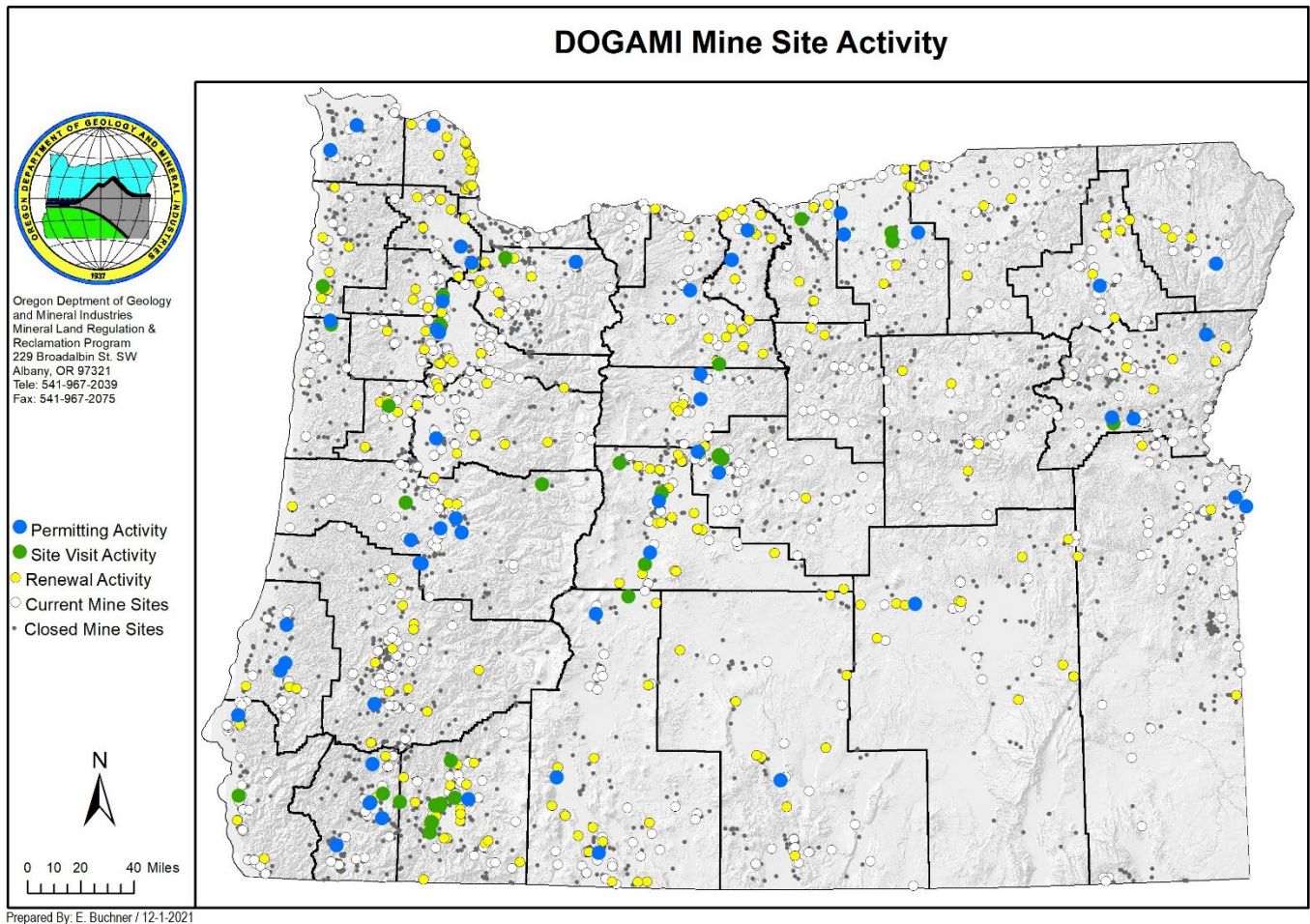
- 1) Permit Status Summary
- 2) ENGAGe Fall 2021 Newsletter

Please note, included in this packet is the ENGAGe Fall 2021 Edition newsletter being sent out and can also be found online: <https://www.oregongeology.org/mlrr/engage.htm>

GS&S Board Report:

- 1) GS&S Update Summary

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

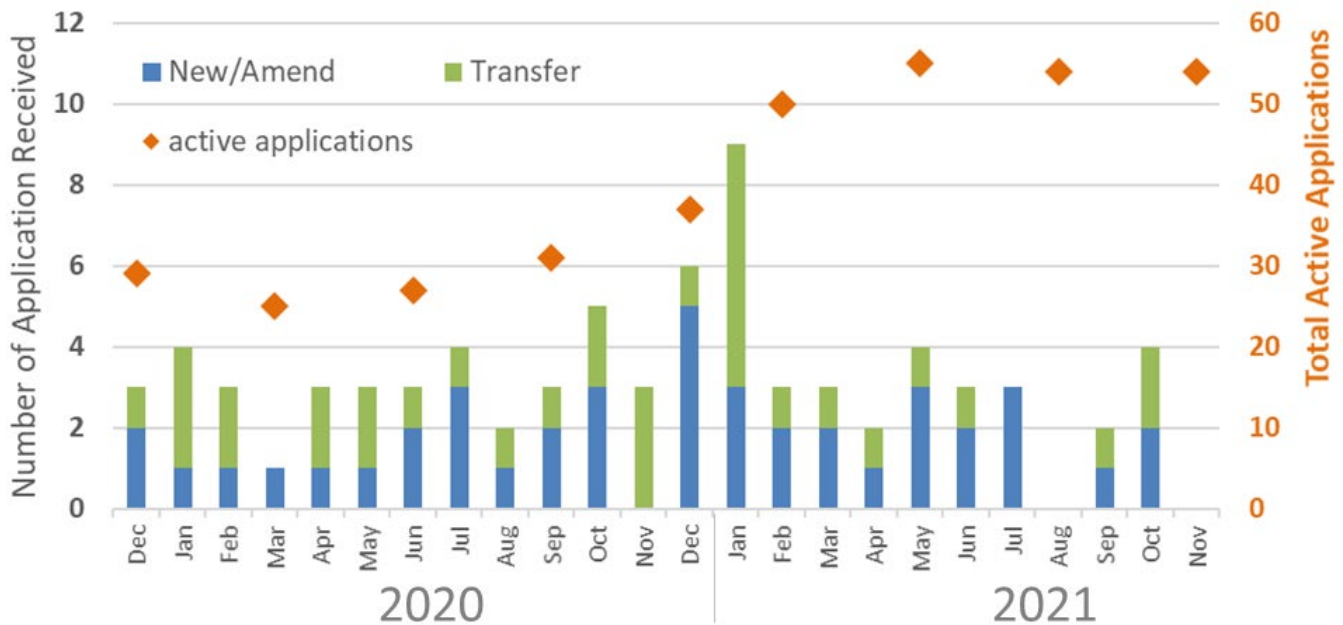


Map shows aggregate/non-aggregate active permitting applications, site visits in the last 6 months, and renewals due in last 3 months. COVID-19 protocols have resulted in a decrease in site visit activity.

Table 1: Permit Status Summary (as of 12/1/21)

	Jan-Mar 2021		Apr - Jun 2021		Jul - Sep 2021		Oct - Dec 2021	
	Permits	Apps	Permits	Apps	Permits	Apps	Permits	Apps
<b>Surface Mining</b>								
Operating Permits	871	48	871	55	872	54	873	54
Exclusion Certificates	136	1	137	2	141	10	138	0
Sites Closed	(3)		(0)		(1)		(3)	
<b>Stormwater (DEQ)</b>								
1200A Permits	157	7	156	7	156	7	156	8
WPCF 1000 Permits	49	4	49	4	48	5	48	5
<b>Exploration</b>	13	2	14	5	15	8	20	2
<b>Oil &amp; Gas Wells</b>	89	0	89	0	89	1	89	0
<b>Geothermal</b>								
Well Permits	24	0	21	0	21	0	21	0
Prospect Wells	4	0	4	0	4	0	4	0

Surface Mining Application Workload (as of 11/29/21)



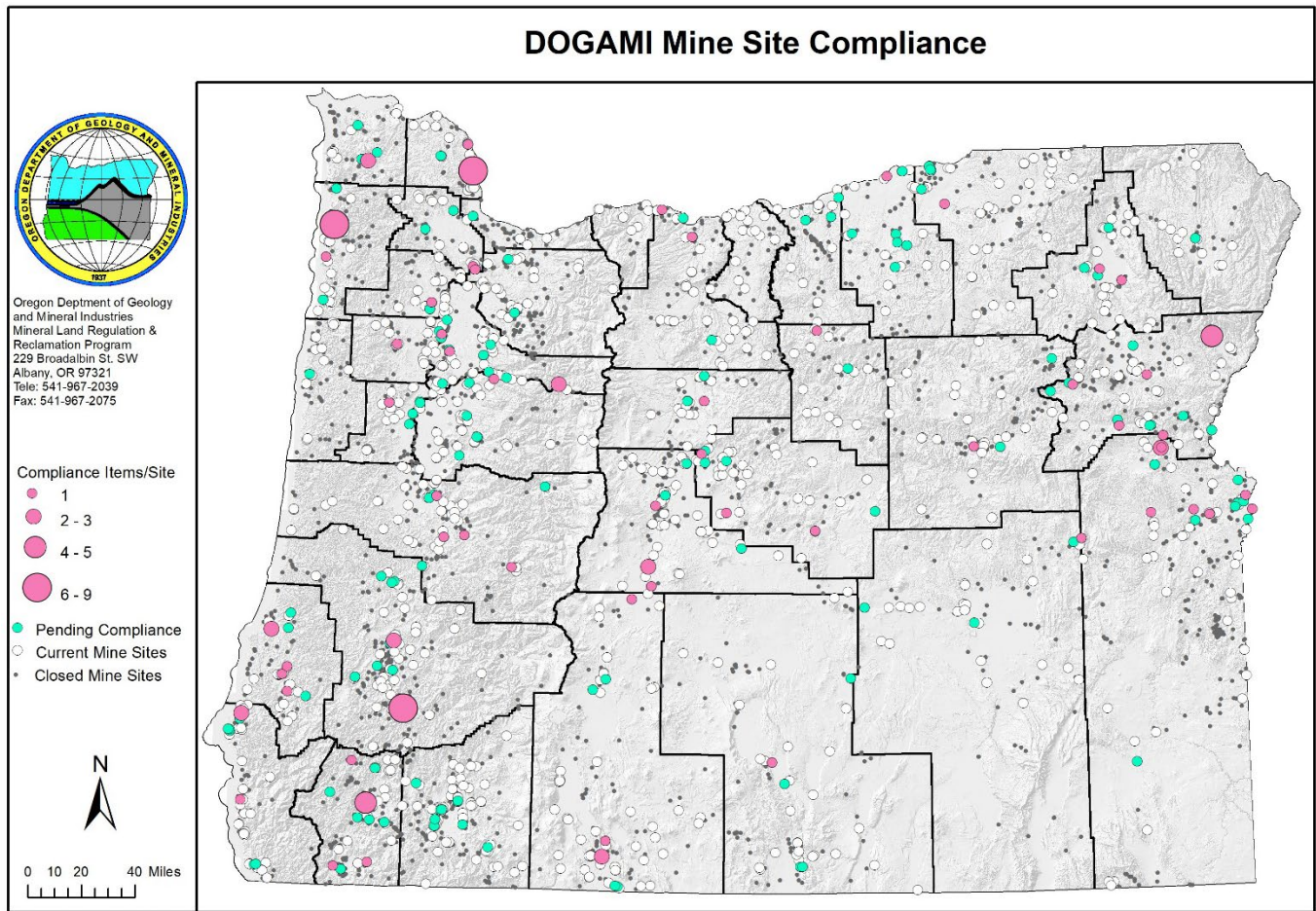
The average processing time for an application completed during the last year was 9 months.

Table 2: Surface Mining Applications by Type (as of 12/1/21)

	Total	New	Amend	Transfer
<b>FY2020</b>				
Received	38	10	7	21
Completed	35	7	6	22
<b>FY2021</b>				
Received	48	12	14	22
Completed	16	3	4	10
Active	56	19	18	19
<b>FY22 1<sup>st</sup> Quarter</b>				
Received	3	2	1	0
Completed	5	0	1	4
Withdrawn	0	0	0	0
Active	54	21	18	15
<b>FY22 2<sup>nd</sup> Quarter (to date)</b>				
Received	4	1	1	2
Completed	4	0	1	3
Withdrawn	0	0	0	0
Active	54	22	18	14
<i>Applications older than 1 year</i>	<b>18</b>	9	6	3



Figure 3: Compliance Activity at DOGAMI Mine Sites



Prepared By: E. Buchner / 12-1-2021

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

Table 3: Compliance Summary – Active Actions by Type (as of 12/1/21)

	2019		2020			2021			
	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec
<b>Non-Payment of Fees</b>	15	13	18	18	20	15	12	20	<b>25</b>
<b>Exploring Without a Permit</b>	~	~	~	~	~	1	2	2	<b>2</b>
<b>Mining Without a Permit</b>	18	18	16	18	18	19	21	29	<b>23</b>
<b>Mining Outside Permit Boundary</b>	~	24	21	21	22	14	15	16	<b>13</b>
<b>Lack of Approval</b>	3	3	3	3	3	3	2	5	<b>4</b>
<b>Failure to Comply with Order</b>	6	6	6	6	6	6	8	8	<b>9</b>
<b>Permit Boundary Survey Map</b>	6	14	13	13	14	13	13	13	<b>5</b>
<b>Boundary Marking Violation</b>	3	4	4	4	5	4	3	5	<b>5</b>
<b>Permit Condition Violation</b>	5	4	7	11	11	3	3	5	<b>5</b>
<b>Reclamation Security</b>	3	7	7	8	8	7	7	8	<b>7</b>
<b>Failure to Reclaim Timely</b>	1	6	6	6	5	5	5	5	<b>2</b>
<b>Total</b>	60	99	101	108	112	90	91	116	<b>100</b>

◆ There are no updates for the ongoing cases pertaining to Civil Penalties for Mining Without a Permit.



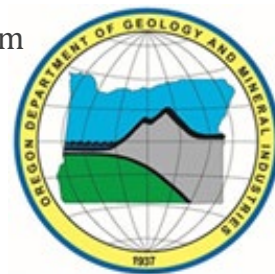
**Non-Payment of Renewal Fee – Civil Penalty Fact Pattern Matrix (\*as of 12/1/2021)**

#	Site Type-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 (\$1000/day)	Standard	Staff Recc.	
32	OP-0111	7/31/21	-		63 (123)*	0/3 yr 0/41 yr	None		\$63,000*	\$250	\$250	\$250
31	OP-0269	6/30/21	-		94 (154)*	3/3 yr 4/12 yr	4-5 mos.	Issued \$500 penalty in 2020	\$94,000*	\$750	\$750	\$750
30	OP-0099	5/31/21	-		124 (184)*	0/3 yr 1/31 yr	~9 mos		\$124,000*	\$250	\$250	\$250
29	OP-0267	5/31/21	-		124 (184)*	1/3 yr 2/12 yr	~5 mos.	Issued \$250 penalty in 2020	\$124,000*	\$500	\$500	\$500
28	OP-0082	5/31/21	9/7/2021	N/A	39 (99)*	0/3 yr 1/29 yr	~2 mos	Staff recommended reversal based on extenuating circumstances	\$39,000*	\$250	Reverse	Approved
27	EC-0170	5/31/21	9/21/21	N/A	53 (113)	None	None		\$53,000	\$250	Waive	Waive
26	OP-0049	3/31/21	11/3/21	11/3/21	157 (217)	0/3 yr 4/28 yr	~1-2 mos.		\$157,000	\$250	\$250	\$250
25	OP-0159	2/28/21	5/24/20	11/3/21	25 (85)	0/3 yr 4/27 yr	~1-2 mos.		\$25,000	\$250	\$250	\$250
24	OP-0004	12/31/20	-		276 (336)*	None	None	Permittee passed away, new permittee working with estate to transfer will pay renewal	\$276,000*	\$250	Waive	Waive
23	EC-0089	9/30/20	12/23/20	N/A	25 (85)	0/1 yr	25 (85)	EC	\$25,000	\$250	Waive	Waive
22	OP-0205	8/31/20	5/11/21	5/11/21	193 (253)	First renewal	193 (253)	Did not report change of address, promised payment 11/23/20.	\$193,000	\$250	\$250	\$250
21	OP-0192	8/31/20	12/02/20	N/A	32 (93)	0/3 yr 1/12 yr	~1 yr	Renewal occurred mid-transfer, receiving permittee has paid.	\$32,000	\$250	Waive	Waive
20	EC-0039	8/31/20	2/23/21	N/A	117 (177)	None	None		\$117,000	\$250	Waive	Waive
19	EC-0225	8/31/20	10/5/21	N/A	340 (400)	None	None	Same permittee as EC-0071 below	\$340,000	\$250	Waive	Waive
18	EC-0071	7/31/20	10/5/21	N/A	371 (431)	0/3 yr 1/20 yr	~60 days	Same permittee as EC-0025 above	\$371,000	\$250	Waive	Waive
17	OP-0070	6/30/20	collect	collect	460 (520)*	3/3 yr 11/13 yr	3-8 mos	Non-responsive to Final Order	\$460,000*	\$500	\$500	\$500
16	OP-0023	6/30/20	9/16/20	12/23/20	17 (79)	1/3 yr 3/17 yr	~3 mos		\$17,000	\$250	\$0	\$250
15	OP-0269	6/30/20	11/16/20	11/16/20	78 (140)	2/3 yr 3/11 yr	4-5 mos	Same permittee as OP-0267 below	\$78,000	\$500	\$500	\$500

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

# ENGAGe

Fall 2021



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

## DOGAMI Permit Fee Changes – Effective January 1, 2021

***Just a reminder:*** beginning January 1, 2021, DOGAMI increased Application and Renewal Fees for several programs. This included applications for Aggregate, Exploration, Oil & Gas, and Geothermal permits. Exclusion Certificate application fees, DEQ water quality permit application and annual fees, and cost-recovery projects are not included in this fee update. Below is a clarification of those fees.

### Aggregate Permit Renewal

- IF YOU EXCAVATED/PRODUCED/SOLD MATERIAL INTO MARKET:
  - please pay **\$1,460 plus \$0.0125/ton** production fee
- IF YOU **DID NOT** PRODUCE/EXCAVATE/SELL MATERIAL INTO MARKET:
  - please pay the base rate of **\$1,200 flat** (as you had no production)

***IF YOU ARE UNSURE – PLEASE CALL BEFORE YOU SEND IN YOUR RENEWAL***

<u>Oil &amp; Gas Permit Renewal</u>	\$1,160	<u>Geothermal Permit Renewal</u>	\$2,725
<u>Exclusion Certificate Renewal</u>	\$165	<u>Exploration Permit Renewal</u>	\$1,460

## IMPORTANT: Application Timelines

Due to an increase in permit applications and inquiries submitted to the MLRR office, processing and response times have increased. Permit applications are processed in the order they are received and moved forward as applicants respond to deficiencies. This includes but is not limited to all New applications for Exclusion Certificates, Exploration or Operating Permits, and Oil/Gas or Geothermal Permits; and any type of Transfer or Amendment application.

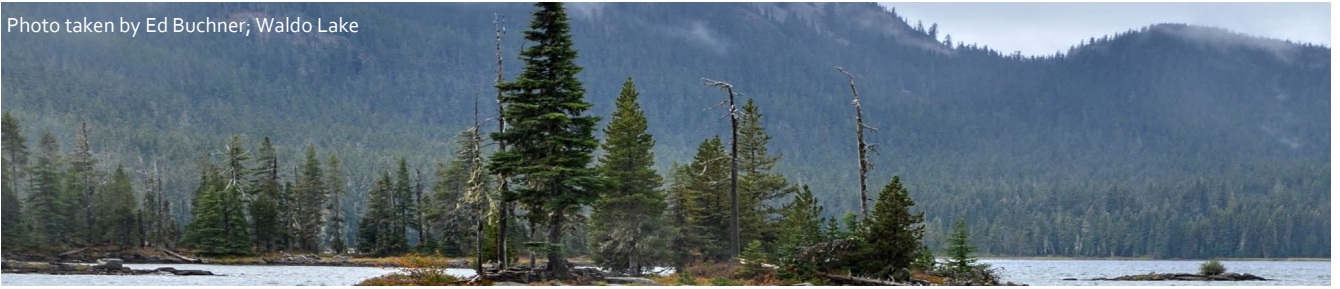
Thank you for your patience.

## Exclusion Certificates:

DOGAMI offers a few different options for conducting surface mining operations in the State of Oregon. Operating Permits are required for mining activities above these thresholds, including any mining operation that exceeds 5 acres of disturbance. Exploration Permits are required for activities that disturb more than one surface acre or involve drilling to greater than 50 feet for the purpose of determining presence, location, extent, grade or economic viability of a deposit.

In 2015, the Oregon Legislature passed House Bill 3563, which requires small-scale mining operations to apply for an Exclusion Certificate (EC) from the Oregon Department of Geology and Mineral Industries (DOGAMI). The EC essentially replaced what was previously known as a Grant of Total Exemption (GTE) which was a voluntary annual registration. An EC is required for mining activity that results in the extraction of 5,000 cubic yards or less of minerals or affects less than one acre of land within a period of 12 consecutive calendar months, not to exceed a total of 5 acres. An EC is also required for activities below exploration thresholds.

Photo taken by Ed Buchner, Waldo Lake



## Common Exclusion Certificate Related Questions:

- Do I need an EC if I already have a federal mining claim? **YES!** You *at least* need an EC – although you may need an Operating Permit or Exploration Permit depending on the type/scale of work you will be doing. Don't quite know what you need? Feel free to reach out to the department and we can help you navigate the options.
- I'm filling out an EC application for my Bureau of Land Management (BLM) mining claim. What do I do for proof of land ownership and landowner signature? Provide DOGAMI with a copy of the **approval letter for your BLM Notice or Plan of Operations**. The Landowner information on the application should be the BLM office that administers your claim/is listed on the approval letter (i.e., Baker Field Office, Vale District Office).
- I got an Exclusion Certificate 3 years ago and business is booming! We'd like to operate at a larger scale. Can we turn it into an Operating Permit? **YES!** Contact Nick Tatalovich (DOGAMI Aggregate Permitting Reclamationist) to set up a pre-application meeting. He is a wonderful resource for Operating Permit questions!
- How do I go about closing my Exclusion Certificate? It's very simple! All you need to do is **contact the department at least 30 days before annual renewal** and request closure. We will review the site and make sure everything is in compliance before moving to close the Exclusion Certificate.
- Do I need an EC if I'm only excavating a small amount of my own land and using the rock to maintain my roads? **NO** – So long as extracted material is staying on your land and being used for an exempt purpose (i.e., construction/maintenance of access roads or excavation/grading necessary for farming) you do not need an Exclusion Certificate.
- I've obtained an EC from DOGAMI. Do I need to apply for anything with my city or county in order to start work? **YES** – The issuance of any DOGAMI permit is **not** a finding of compliance with state-wide planning goals or the acknowledged comprehensive plan. You also need to reach out to your local planning department to see if they have any land use approvals that you need to obtain.
- Please contact Becky Johnson at [becky.johnson@oregon.gov](mailto:becky.johnson@oregon.gov) for additional information about Exclusion Certificates.

*If you'd like to receive our newsletters via email, sign up for our listserv at:*  
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**Contact Us! Phone: 541-967-2039 Email: [mlrr.info@oregon.gov](mailto:mlrr.info@oregon.gov)**

**Website: [www.oregongeology.org/mlrr](http://www.oregongeology.org/mlrr)**

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

**December 2, 2021**

**Agenda Item 13 – GS&S Update**

This report is a brief summary of Geological Survey and Services Program activities since the last presentation to the Board on September 17, 2021.

**Publications**

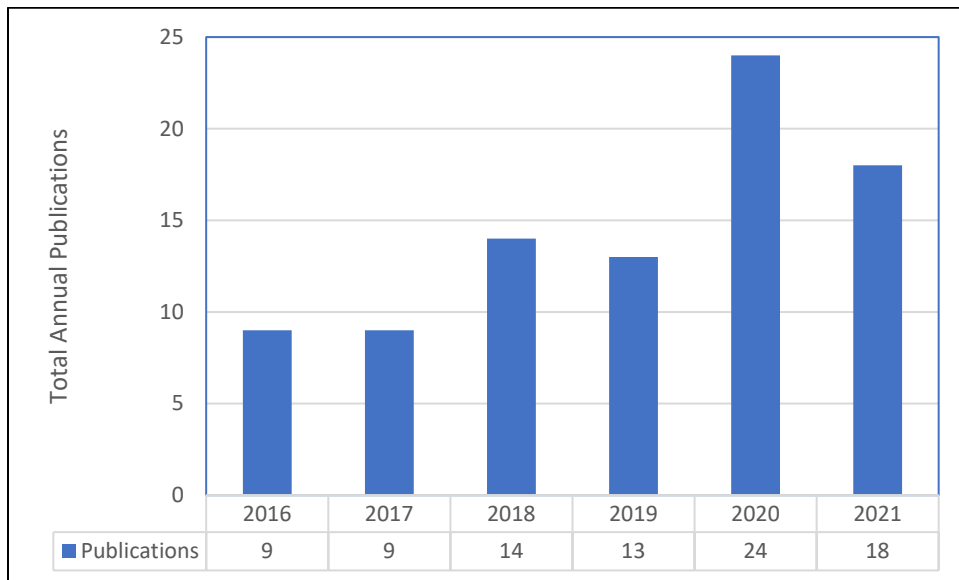
Since the September update to the Board, the Geological Survey and Services Program has released 6 new publications, including work in Harney, Douglas, Lane, Lincoln, and Clatsop Counties. Total publications released to date in 2021 is 18, which exceeds the previous 5-year average of 14 publications per year (Table 1).

**The following is a summary list of recently released DOGAMI publications**

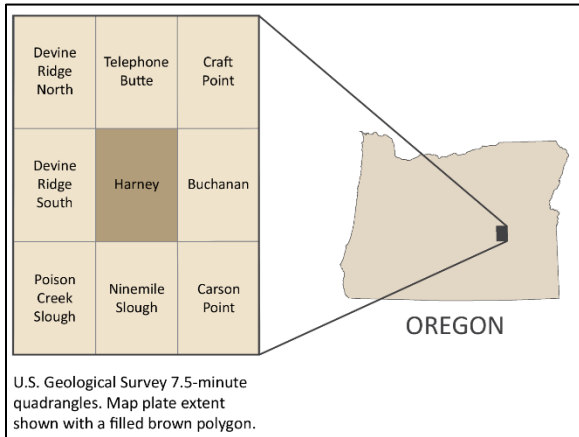
(See Figure 1 for publication geographic locations)

1. GMS-122, Geologic Map of the Harney 7.5' Quadrangle, Harney County, Oregon  
<https://www.oregongeology.org/pubs/gms/gms-122/gms-122.htm>
2. Open-File Report O-21-13, Landslide Inventory Map for the Coastal Portion of Douglas County  
<https://www.oregongeology.org/pubs/ofr/O-21-13/O-21-13.htm>
3. Open-File Report O-21-12, Landslide Inventory Map for the Coastal Portion of Lane County  
<https://www.oregongeology.org/pubs/ofr/O-21-12/O-21-12.htm>
4. Open-File Report O-21-11, Landslide Inventory Map for the Coastal Portion of Lincoln County  
<https://www.oregongeology.org/pubs/ofr/O-21-11/o-21-11.htm>
5. Open-File Report O-21-10, Landslide Inventory Map for the Coastal Portion of Clatsop County  
<https://www.oregongeology.org/pubs/ofr/O-21-10/ofr-21-10.htm>
6. SLIDO 4.4 - Update to the Statewide Landslide Information Database for Oregon

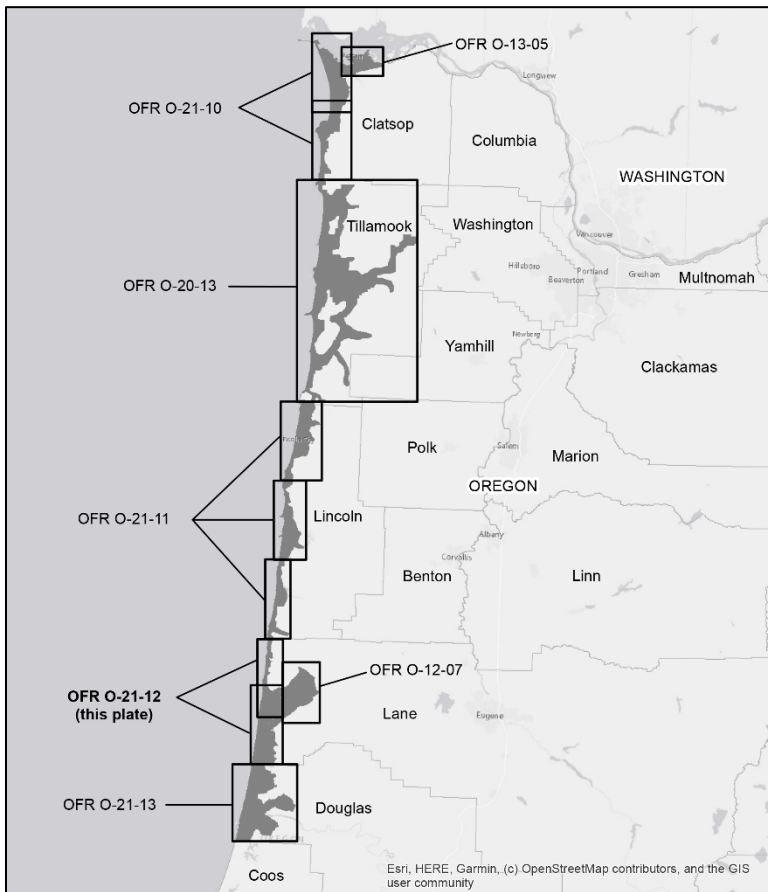
**Table 1. Chart showing DOGAMI publication output since 2016.**



**Figure 1. Locations of publications released by DOGAMI in December 2021. (A) GMS 122. (B) O-21-10 to O-21-13.**



A.



B.

## Grants

During November Legislative Days, DOGAMI requested and received legislative authorization to apply for four federal grants. These opportunities support DOGAMI's mission and goals to provide earth science information to make Oregon safe and prosperous.

1. **USGS NCGMP STATEMAP Grant (\$160,000 Federal Funds)**
  - Fulfills goals for *Key Performance Measure 2 – Detailed Geologic Map Completion*
  - This is an annual grant application which DOGAMI has applied for and been awarded annually since the program's inception in 1992. To date Oregon has received \$4,754,971 in federal funds, partially supporting the geologic mapping program.
  - This grant has a capped indirect cost recovery of 18%. It also requires a 1:1 funding match to be fulfilled by General Fund of \$160,000 and in-kind indirect cost recovery loss of \$14,165 (difference between a 26.86% indirect rate and 18% capped indirect rate). Funding mapping in the Adams-Athena area near Pendleton in Umatilla County. Collaboration with the Confederated Tribes of the Umatilla Indian Reservation (CTUIR)
  - Funds geologic map geodatabase development and publication of detailed geologic maps along Southern Oregon Coast-California to Coos Bay.
2. **LIDAR GRANT USGS Coos 2021 3DEP (\$460,000 Federal Funds)**
  - Fulfills goals for *Key Performance Measure 3 – Lidar Data Completion*
  - *Indirects are 15%, with no matching funds required.*
3. **LIDAR GRANT BLM Klamath County (\$152,295 Federal Funds)**
  - Fulfills goals for *Key Performance Measure 3 – Lidar Data Completion*
  - *Indirects are 15%, with no matching funds required.*
4. **LIDAR GRANT USGS Malheur 2021 3DEP (\$430,000 Federal Funds)**
  - Fulfills goals for *Key Performance Measure 3 – Lidar Data Completion*
  - *Indirects are 15%, with no matching funds required.*

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 19 non-lidar grants in process and 6 Lidar grants (2 pending approval). Potential grant opportunities continue to exist in the areas of: 1) post wildfire landside and debris flows; 2) developing an "Oregon specific" probabilistic tsunami inundation model analysis; 3) channel migration and flood zone analysis; 4) geologic mapping in support of understanding groundwater resources; and 5) natural hazard risk assessments.

### **Highlighted Program Focus Area: Geologic mapping in support of understanding groundwater resources**

Geologic mapping proposed for FY 2022 will continue in the Adams 7.5' quadrangle in the Walla Walla Subbasin of northeastern Oregon, a mixed urban and agricultural community (Figure 2). As advised by the Oregon Geologic Mapping Advisory Committee, DOGAMI is proposing this mapping project, consistent with long-range mapping priorities, to understand the sustainability of water resources in the region. Oregon Water Resources Department is actively studying the aquifers in the Walla Walla Subbasin, in response to recognized long-term groundwater level declines. DOGAMI's mapping effort is being done in collaboration with the Oregon Water Resources Department, the U.S Geological Survey, and the Confederated Tribes of the Umatilla Indian Reservation.



**Figure 2. Former, current, and proposed STATEMAP project areas in Oregon since 1993. FY 2022 - The Adams 7.5' quadrangle (dark blue) in the Walla Walla Subbasin is targeted for new geologic mapping.**

