

Bureau of Mining Programs Update

January 23, 2020

NPDES Permitting

- As of December 2019, 1,001 Draft Permits have been sent to EPA
- EPA has commented or objected on 423
- Monthly Calls

NPDES Permit Statistics

	Issued	Could be Issued	Pending
Comments	417	0	6
No Comments (223 No Comment Letters)	544	28	6 (Awaiting 30 Days)

e-Initiatives

- e-Permitting
 - Coal Notice of Intent to Explore (57)
- eDMR
- Mobility

Trust Agreement/Bond Status

	Dec 2015	Aug 2019	Oct 2019
Total Agreements (158)	132	147	145
Bonds	75	75	72
Fully Funded Trusts	44	55	56
Partially Funded Trusts	11 + 2 ABS	15 + 2 ABS	15 + 2 ABS

Financial Summary

	Dec 2015	Aug 2019	Dec 2019
Bonds	\$226.2 M	\$ 246.8 M	\$ 238.4M
Fully Funded Trusts	\$72.9 M (\$82.6 M)	\$ 121.3 M (\$102.5 M)	\$ 123.4 M (\$ 102.7 M)
Partially Funded Trusts	\$62.2 M (\$124 M)	\$113.3 M (\$140.4 M)	\$ 117.3M (\$ 140.4M)

Land Reclamation Financial Guarantees

	Count Dec 2019 (Aug 2019)	Average Amount Dec 2019
LRFG Operators	121 (125)	\$401 K 3 at \$3 M Max
LRFG Permits	239 (236)	\$203 K \$2.37 M Max
Total Underwritten	\$47.7 M	\$48.5M

Applications 2019

In-Out

This table represents all applications received and disposed from Jan 1-Dec 31, 2019

	Pottsville	Cambria	Moshannon	New Stan	Knox	Calif
IN	191	252	168	111	99	305
OUT	202	252	137	139	90	323

Applications in Process *As of Dec 31*

		Pottsville	Cambria	Moshannon	New Stan	Knox
Revisions	General	2	1	4	2	2
	Major	10	3	2	9	1
	Minor	10	9	9	8	5
New	Bond calc	3	0	0	0	0
	Blast plan	3	0	0	1	1
	Bond rev	12	1	4	0	1
	Compl rpt	4	13	10	6	6
	Exploratory	0	0	1	0	0
	Auger Safety	0	1	0	0	0
	Mid term	6	0	1	0	1
	GFCC	1	1	2	4	0
	GP12	5	0	0	0	0
	GP-104	13	1	0	0	0
	NPDES Indiv	1	1	5	7	1
	SMP/Ref Repr	7	1	2	1	1
	Underground	0	0	0	0	0
Renewals	All	60	27	39	47	14
Transfers	All	4	2	6	0	0
	TOTAL	141	61	85	85	33

		California
Revisions	General	27
	Major	54
	Minor	61
New	Exploration	1
	Pre-apps	1
	6 mth maps	8
	GP12	2
	NPDES	16
	Prep plant	2
	Refuse disposal	6
	UMP	3
Renewals	All	205
Transfers	All	6
	TOTAL	392

Regulatory Agenda

- OSM Program Consistency – Approved by EQB unanimously. Final rulemaking to be considered by IIRC at Jan 31, 2020 meeting.
- Water Supply Replacement – Comment period ended Dec 2. Comments submitted from one party. IIRC comments received Jan 2. Next draft being prepared.
- Coal Refuse Disposal – Beginning draft.

Non-regulatory Agenda

- Civil Penalties
- Alkaline Addition
- Engineering Manual
- Surface Water Protection – Underground Bituminous (Streams)
- Remining
- Liners (Caps)

Technical Items

- NPDES revised application – Went to EPA for review and comment.
- UFM
- Pond Certification SOP – To be published ~ February 1.
- Public Meetings SOP – To be published.
- GP-104 revision – Draft with changes.
- Other SOPs – Not started permits, non-discharge alternatives, renewals, treatment trusts, all in preliminary stages.

Rec Fee Account Revenue – 4th Qtr 2019

Month	Coal Civil Penalties	Interest
October	\$19,095.00	\$5,967.66
November	\$35,925.00	\$6,173.22
December	\$26,070.00	\$6,023.86
FY Total	\$130,097.52 \$123,592.64 – 5%	\$38,417.13

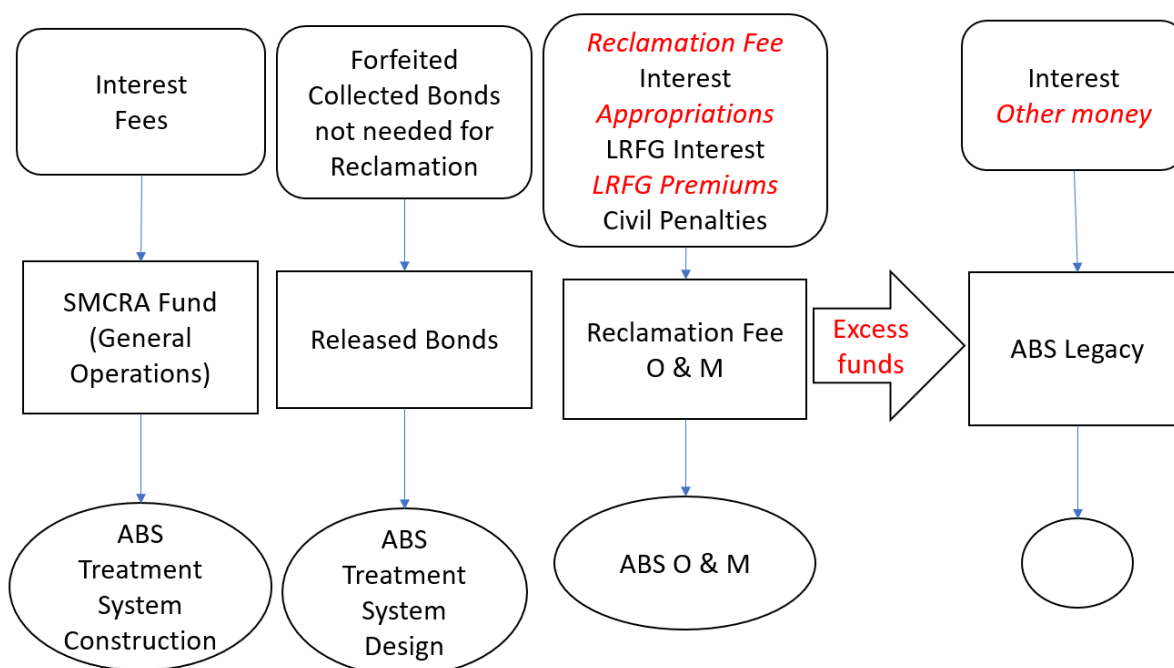
Other Revenue – 4th Qtr 2019

Month	LRFG Premiums	LRFG Interest
October	\$25,670.00	\$27,402.43
November	\$23,183.55	\$28,268.60
December	\$120,665.20	\$23,860.60
FY Total	\$474,901.79	\$174,760.95

Reclamation Fee Account Status

Month	LRFG Interest
FY End Balance (June 30 th)	\$3,353,993.55
18-19 FY Expenditures	\$1,046,281.36
December 31 st Balance	\$3,908,839.88
Projected Expenditures	\$1,032,810.00
Modified Projected Expenditures	\$925,000.00
Actual Expenditures through Dec 31 st	\$344,254.02

ABS Funding Diagram



SMCRA Coal Fees Revenue

Month	LRFG Interest
FY 12-13	\$54,417.00
FY 13-14	\$166,110.00
FY 14-15	\$100,962.43
FY 15-16	\$171,235.24
FY 16-17	\$114,200.00
FY 17-18	\$109,550.00
FY 18-19	\$91,849.50
FY 19-20 (December 31 st)	\$53,670.00

CWF Mining Fee Revenue

Month	LRFG Interest
FY 12-13	\$247,800.00
FY 13-14	\$523,296.00
FY 14-15	\$474,929.00
FY 15-16	\$646,950.00
FY 16-17	\$342,805.00
FY 17-18	\$365,410.00
FY 18-19	\$395,635.50
FY 19-20 (December 31 st)	\$589,049.00