



BLACK PINE MINE RECLAMATION PROJECT

MARCH 1, 2018

BACKGROUND INFORMATION

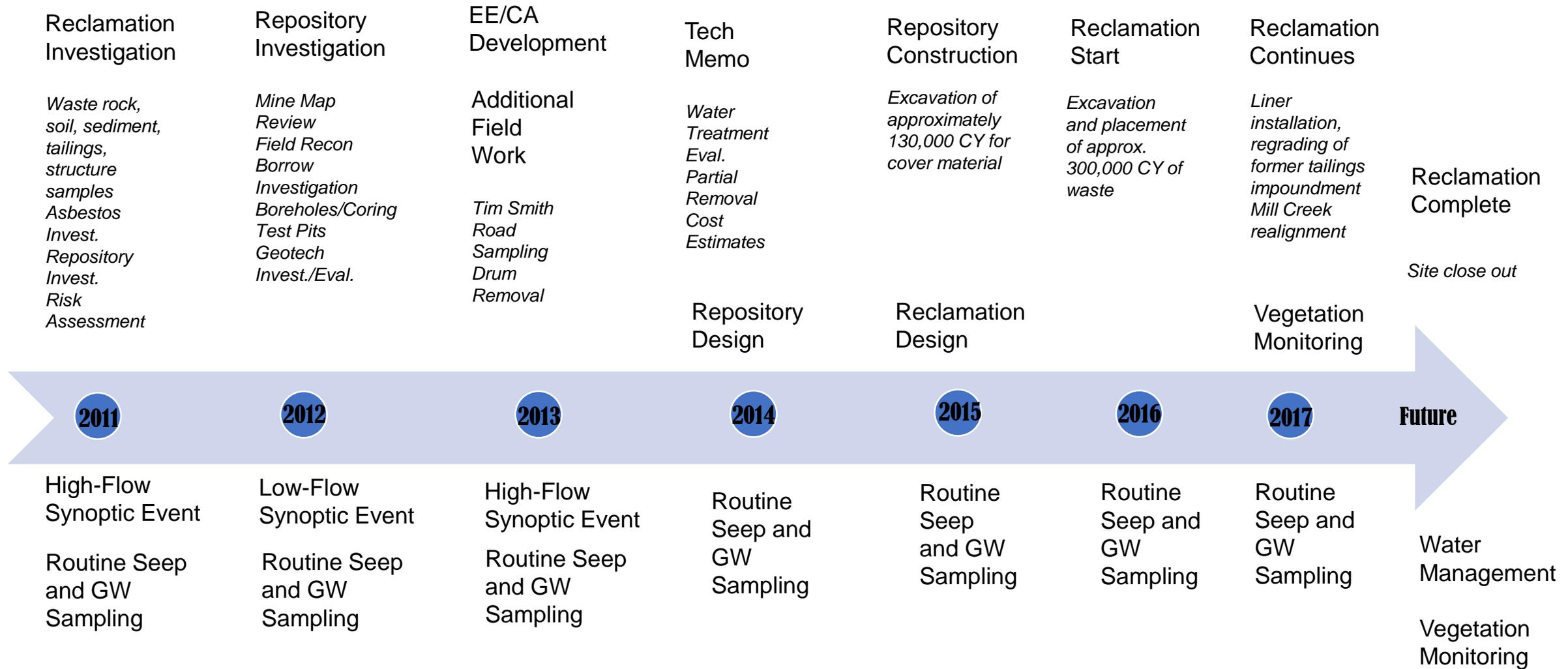
SUMMARY OF SETTLEMENT:

- **~\$195 million for cleanup of MT sites**
 - Black Pine Mine Designated Properties = \$17.5 M
- **Created the Montana Environmental Custodial Trust to own and manage the four properties**
- **The Montana Environmental Trust Group, LLC was formed to oversee the affairs of the Custodial Trust**

SITE LOCATION



BLACK PINE MINE TIMELINE



RECLAMATION PLAN

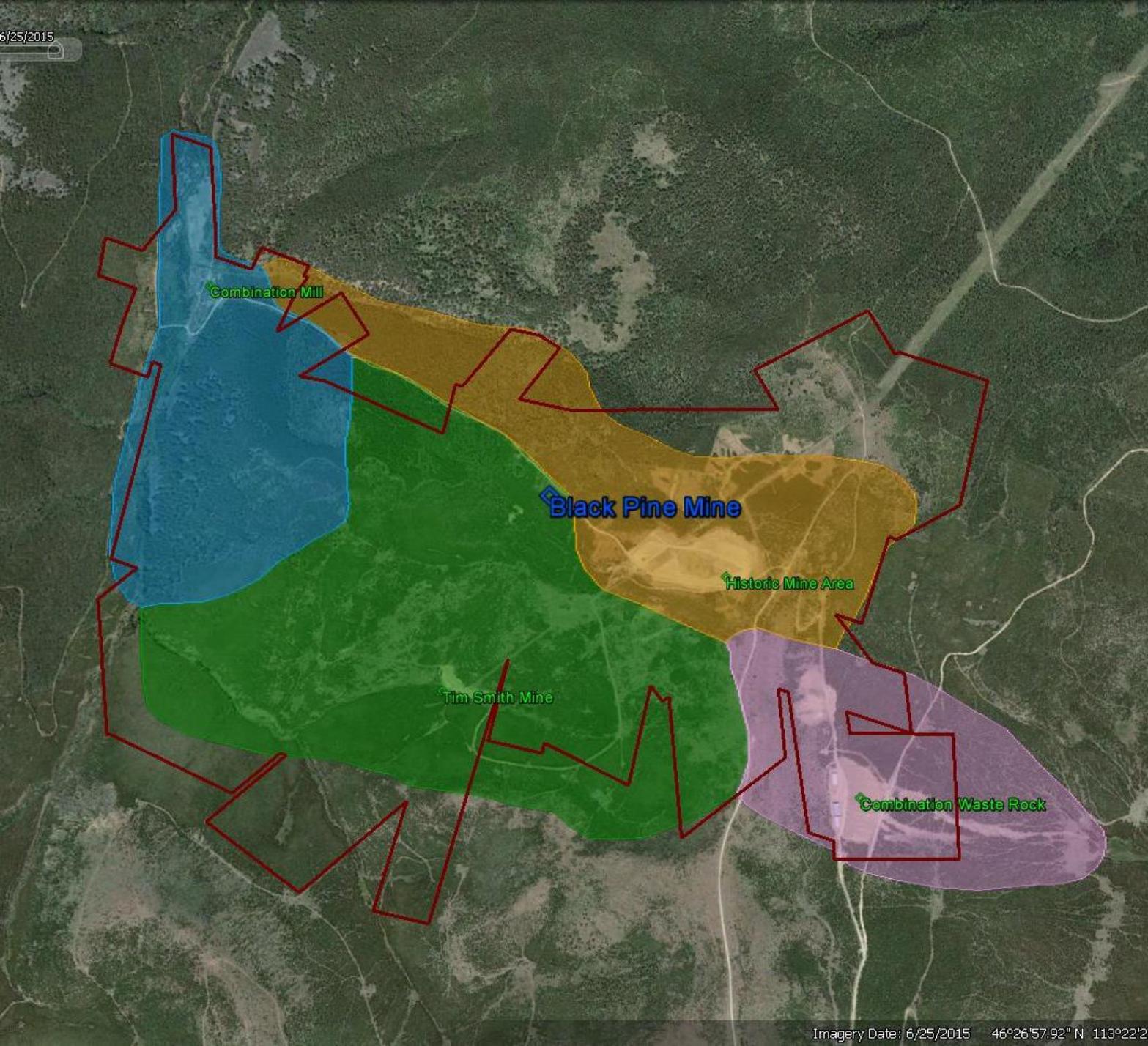
Removal of contaminated material from the AOCs and disposal in an engineered repository

Relocation/reconstruction of Mill Creek

Closure of adits

Relocation of Forest Service Road

Revegetation



AREAS OF CONCERN

- **Combination Mine**
 - 260,000 cy
- **Historic Mine**
 - 8,000 cy
- **Tim Smith Mine**
 - 25,000 cy
- **Combination Mill**
 - 65,000 cy

TOTAL: 358,000 cubic yards



CONSTRUCTED REPOSITORY SUBGRADE



CONSTRUCTED REPOSITORY 2017



COMBINATION MINE WASTE ROCK



**COMBINATION MINE
WASTE ROCK - 2017**



**COMBINATION MINE
WASTE ROCK - 2017**



TIM SMITH MINE



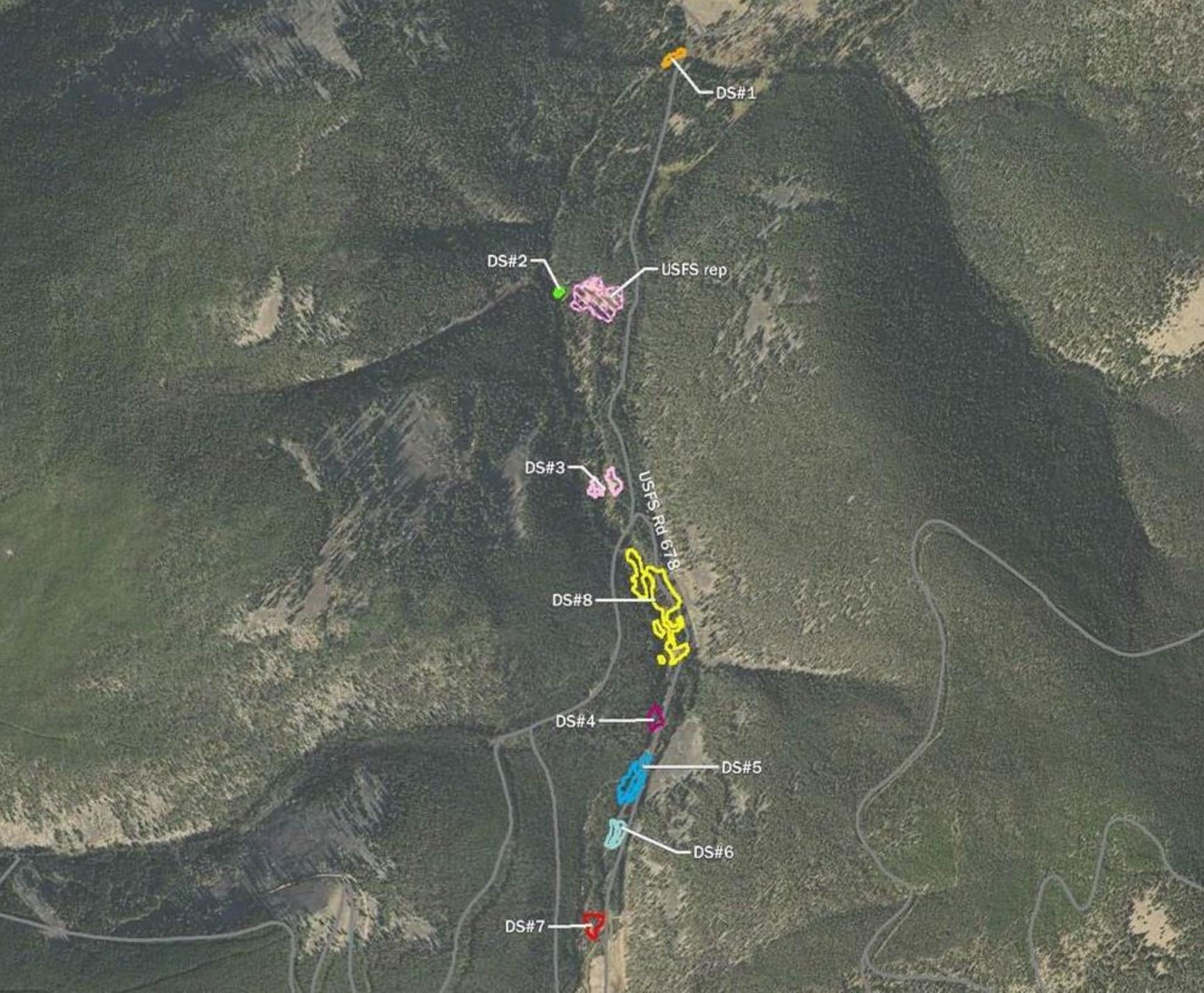
TAILINGS — PRE-CONSTRUCTION



FORMER TAILINGS IMPOUNDMENT



FORMER TAILINGS IMPOUNDMENT



DISPERSED TAILINGS

- | | |
|---|--|
| DS #1 <ul style="list-style-type: none">750 cy | DS #5 <ul style="list-style-type: none">3,250 cy |
| DS #2 <ul style="list-style-type: none">250 cy | DS #6 <ul style="list-style-type: none">1,400 cy |
| DS #3 <ul style="list-style-type: none">3,200 cy | DS #7 <ul style="list-style-type: none">1,400 cy |
| DS #4 <ul style="list-style-type: none">875 cy | DS #8 <ul style="list-style-type: none">14,000 cy |

TOTAL REMOVED: 55,000 CY



DISPERSED TAILINGS #1



REPROCESSING AREA



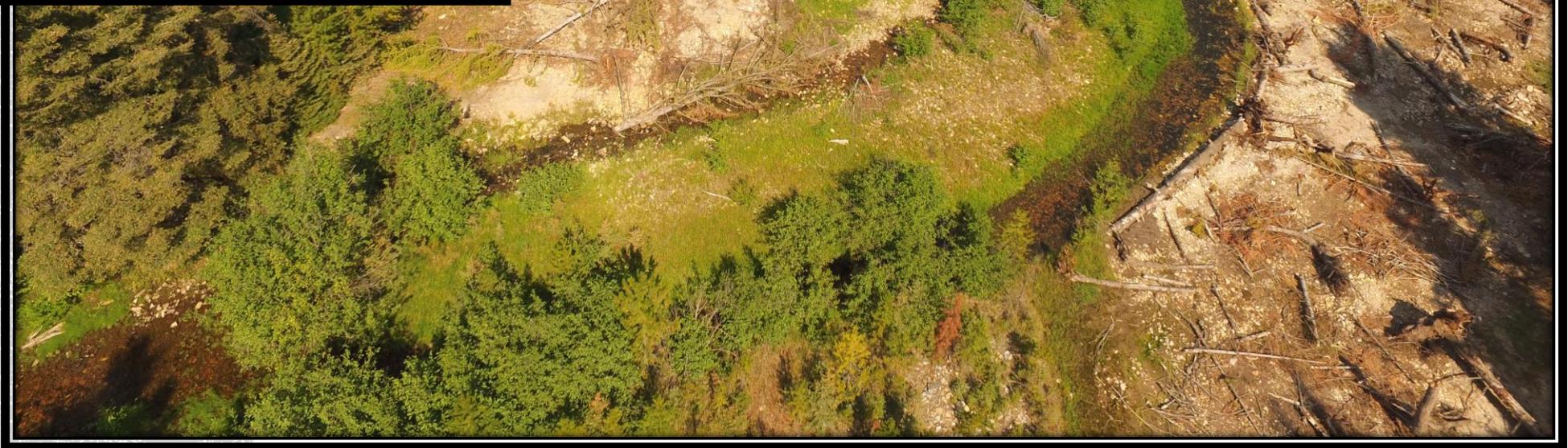
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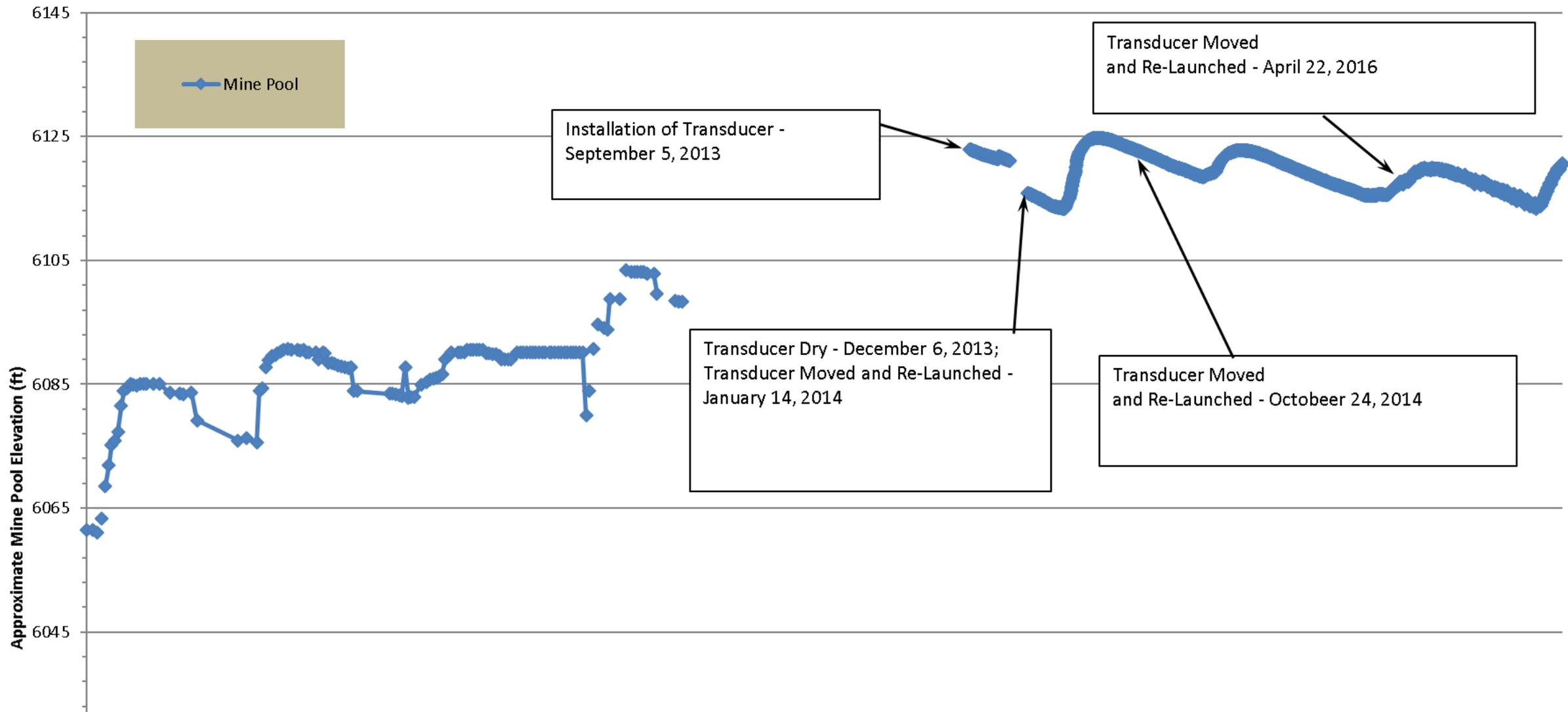
REPROCESSING AREA





**DISPERSED
TAILINGS**





MINE POOL ELEVATION

6005

CONSTRUCTION COSTS

Black Pine Mine Reclamation Construction Pay Request and Fund Allocation Summary.							
Pay Request No.	Amount	Less Retained Earnings	Paid to Contractor	BPM Trust 476310	USFS	RDG	RDG
					476311	474117	474123
1	\$33,414.00	\$2,670.70	\$30,435.87	\$33,414.00	\$0.00	\$0.00	\$0.00
2	\$197,379.96	\$9,869.00	\$185,635.85	\$197,379.96	\$0.00	\$0.00	\$0.00
3	\$334,755.00	\$16,737.75	\$314,837.08	\$334,755.00	\$0.00	\$0.00	\$0.00
4	\$615,747.40	\$30,787.37	\$579,110.43	\$492,239.40	\$123,508.00	\$0.00	\$0.00
5	\$519,292.40	\$25,964.62	\$488,394.50	\$295,027.40	\$0.00	\$224,265.00	\$0.00
6	\$848,821.10	\$42,441.06	\$798,316.24	\$336,806.60	\$436,279.50	\$75,735.00	\$0.00
Reallocation	\$0.00	\$0.00	\$0.00	\$0.00	(\$434,767.50)	\$0.00	\$434,767.50
7	\$612,490.39	\$30,624.52	\$576,047.21	\$549,948.72	\$0.00	\$0.00	\$62,541.67
8	\$94,340.11	\$4,717.01	\$88,726.87	\$94,340.11	\$0.00	\$0.00	\$0.00
9	\$333,795.32	\$16,689.77	\$313,934.49	\$333,795.32	\$0.00	\$0.00	\$0.00
10	\$349,019.36	(\$163,050.83)	\$506,949.49	\$341,967.17	\$4,361.36	\$0.00	\$2,690.83
SUBTOTALS	\$3,939,055.04	\$17,450.97	\$3,882,388.03	\$3,009,673.68	\$129,381.36	\$300,000.00	\$500,000.00

LESSONS LEARNED



LESSONS LEARNED





QUESTIONS?

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