



**THE
TRONOX NAVAJO AREA URANIUM MINES
FY 2018 1ST QUARTER FINANCIAL SUMMARY**

Accounting Line Project Names/Descriptions

Names	Descriptions
Tronox NAUM (Region 6)	Overall planning and logistical support for Removal activities and settlement implementation, including salary and travel, and the ground water study.
Tronox NAUM East GSA	Assessment of Tronox mines in the eastern area of Ambrosia Lake to complete an RSE and EE/CA. Includes contracting, salary, and travel specific to this project.
Tronox NAUM West GSA	Assessment of Tronox mines in the western area of Ambrosia Lake to complete an RSE and EE/CA. Includes contracting, salary, and travel specific to this project.
Tronox NAUM Central GSA	Assessment of Tronox mines in the central area of Ambrosia Lake to complete an RSE and EE/CA. Includes contracting, salary, and travel specific to this project.
Tronox NAUM S18 Mine Residential Removal	A time critical radon abatement project for a residential structure adjacent to the Section 18 Tronox Mine in Ambrosia Lake. Includes contracting, salary, and travel specific to this project. Project was completed in FY18 Quarter 1.
Tronox NAUM Section 10	Assessment of the Section 10 Tronox mine in Ambrosia Lake to complete an RSE and EE/CA. Includes contracting, salary, and travel specific to this project.
Tronox NAUM Section 32 and 33	A joint project with Region 9 to assess the Section 32/33 Tronox mines in the Smith Lake sub-district in the Casamero Lake area to complete an RSE and EE/CA. Includes Region 6 salary, and Region 6 travel specific to this project.
Tronox Abandoned Uranium Mines on the Navajo Nation (bankruptcy settlement)	Tronox NAUM activities (2011 – 2015) prior to the 2015 settlement that included quarterly meetings with Navajo Nation EPA; settlement implementation planning; accounting and contracting strategy; community involvement; Tronox portal development, Northern Agency ACPECT data collection, and grants.
Tronox NAUM Cove Transfer Station	Construction activities to mitigate surface erosion at the former transfer area located in the Cove Chapter of the Navajo Nation, in eastern Arizona.
Tronox NAUM Mesa I Mine	Mesa Mine I Preliminary Site Assessment has been conducted to determine risk to human health and the environment. A RSE will be conducted in FY2018.
Tronox NAUM Cove Wash Regional Assessment	Identify potential areas of concern and sources of contamination, as well as determine the baseline contaminant levels in the Cove Wash.
Tronox NAUM (Region 9)	Activities included quarterly meetings with Navajo Nation; settlement records review; settlement implementation planning; Navajo Nation Mines Portal Database; Northern Agency ASPECT Gamma survey; Annual Quarterly reports; Tronox Northern Agency RSEs; Tronox Northern Agency EE/CAs; Cove Mesa V Main Access Road Improvement/Design; Cove Mine Access Assessment; Northern Agency Cultural Resources Survey; community involvement; and Navajo Nation grants.
Tronox NAUM Cove Sitewide Conceptual Model and Data Gaps	Assimilate information from previous studies and actions of the site; research, gather and analyze other existing data and documents that could be used to develop the conceptual site model; break the site out into investigation areas based on known information; provide pictorial representations of the site; depict exposure pathways and receptors; provide recommendations for paths forward for each of the investigation areas; and, suggest general areas for data gap investigations.
Tronox NAUM NE Churchrock Quivira Mines	Activities at the Northeast Church Rock Quivira Mines include: Repair roads and bridges to allow access to removal sites; vent hole removal action; the Engineering Evaluation/Cost Analysis; and discuss the removal options with Navajo Nation, community members, and other stakeholders.

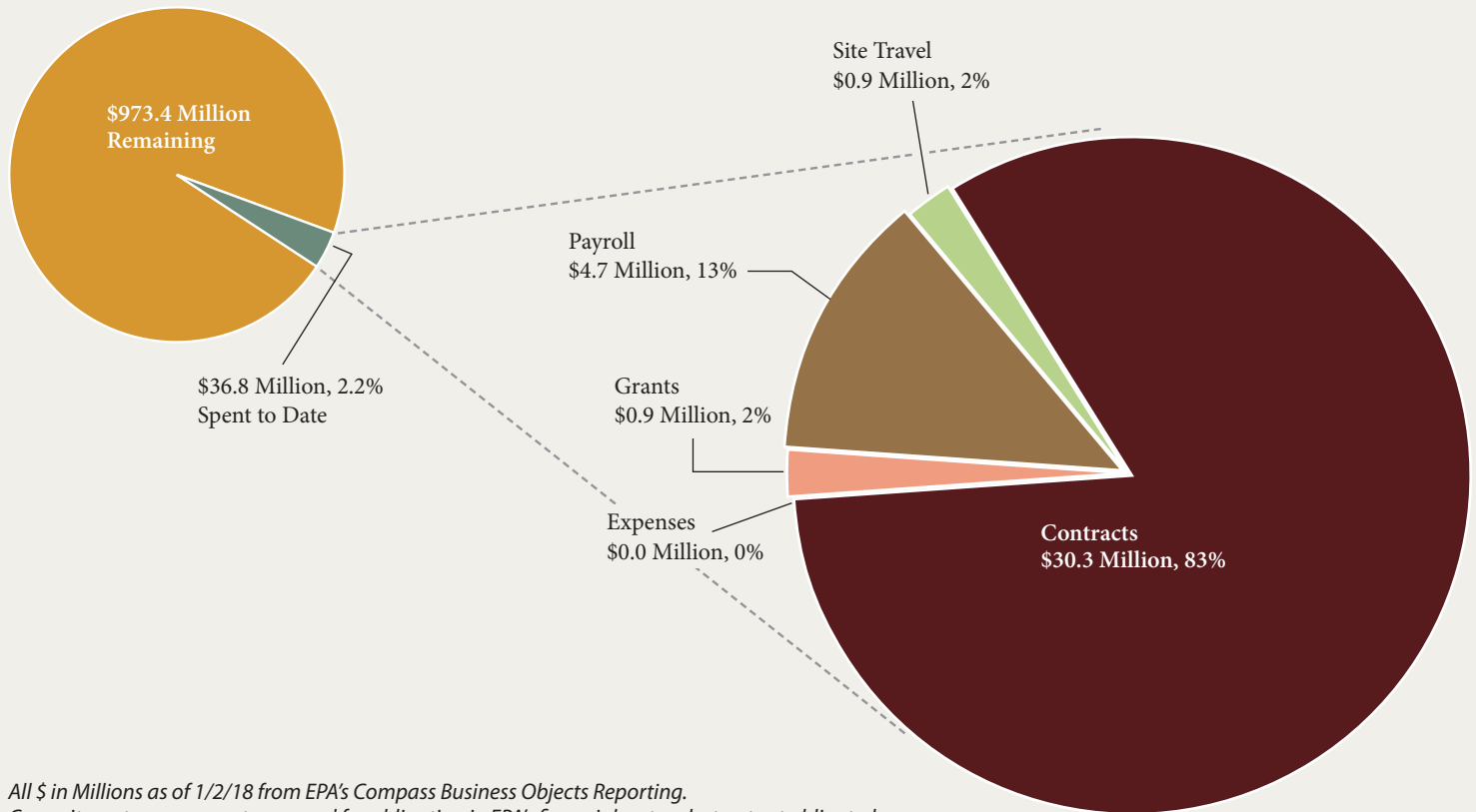
FY 2018 Special Account Activity for Tronox Navajo Area Uranium Mines

Region	Special Account	Special Account Name	Beginning FY 2018	Total Disbursed Beginning FY 2018	FY 2018 Budget Increase/Decrease	Open Commitments and ULOs	FY 2018 Disbursed		Available to Commit, Obligate, or Disburse
							1st Quarter	Total FY 2018	
Region 6 NAUM Special Accounts									
06	A6KZ	Tronox NAUM (Region 6)	\$4.3	\$2.4	\$0.0	\$0.2	\$0.0	\$0.0	\$1.6
06	A6FK	Tronox NAUM East GSA	\$2.3	\$1.8	\$0.0	\$0.1	\$0.0	\$0.0	\$0.4
06	A6FP	Tronox NAUM West GSA	\$1.8	\$1.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.3
06	A6NS	Tronox NAUM Central GSA	\$2.1	\$0.5	\$0.0	\$0.2	\$0.0	\$0.0	\$1.4
06	A6PE	Tronox NAUM S18 Mine Residential Removal	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1
06	A6PK	Tronox NAUM Section 10	\$0.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2
06	A6QC	Tronox NAUM Section 33	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1
<i>Subtotal Region 6 NAUM Special Accounts</i>			\$10.8	\$6.2	\$0.0	\$0.6	\$0.0	\$0.0	\$3.9
Region 9 NAUM Special Accounts									
09	099R	Tronox Abandoned Uranium Mines on the Navajo Nation (bankruptcy settlement)	\$3.4	\$3.2	\$0.0	\$0.2	\$0.0	\$0.0	\$0.0
09	09XL	Tronox NAUM Cove Transfer Station	\$4.6	\$3.2	\$0.0	\$0.2	\$0.2	\$0.2	\$1.0
09	09XM	Tronox NAUM Mesa I Mine	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
09	09XN	Tronox NAUM Section 32	\$2.0	\$1.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.5
09	09XP	Tronox NAUM Section 33	\$0.6	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.5
09	A979	Tronox NAUM Cove Wash Regional Assessment	\$4.1	\$2.6	\$0.0	\$0.8	\$0.2	\$0.2	\$0.5
09	A982	Tronox NAUM (Region 9)	\$890.7	\$2.8	\$0.0	\$6.5	\$0.5	\$0.5	\$881.0
09	A9AG	Tronox NAUM Cove Sitewide Conceptual Model and Data Gaps	\$2.5	\$0.3	\$0.0	\$0.4	\$0.1	\$0.1	\$1.7
<i>Subtotal Region 9 NAUM Special Accounts</i>			\$907.9	\$13.7	\$0.0	\$8.1	\$0.9	\$0.9	\$885.1
<i>Subtotal All NAUM Special Accounts</i>			\$918.6	\$19.9	\$0.0	\$8.7	\$0.9	\$0.9	\$889.1
Quivira Mine Special Account									
09	09QM	Tronox NAUM NE Churchrock Quivira Mines	\$91.6	\$3.9	\$0.0	\$1.2	\$2.0	\$2.0	\$84.3
Total All Special Accounts			\$1,010.2	\$23.8	\$0.0	\$10.0	\$3.0	\$3.0	\$973.4

Interest earned through January 31, 2018 = \$17,818,059.

Tronox Expenditures Breakout by Cost Category for February 2011 through December 2017

Total Committed, Obligated, or Disbursed (\$36.8 Million) by Category
\$ in Millions



All \$ in Millions as of 1/2/18 from EPA's Compass Business Objects Reporting.
 Commitments are amounts reserved for obligation in EPA's financial system but not yet obligated.
 Unliquidated obligations (ULOs) are amounts obligated but not yet disbursed.
 Disbursed amounts are payments that have been made.
 Numbers may not add due to rounding.





For More Information (USEPA Contacts)

USEPA Region 6

Kevin Shade
Tronox NAUM Coordinator
USEPA, Region 6, 6SF-TR
1445 Ross Avenue
Dallas, TX 75202-2733
p: (214) 665-2708
f: (214) 665-6660
shade.kevin@epa.gov

USEPA Region 9

Chip Poalinelli
Tronox NAUM Coordinator
USEPA, Region 9, SFD 6-2
75 Hawthorne Street
San Francisco, CA 94105
p: (415) 972-3390
f: (415) 947-3526
poalinelli.edwin@epa.gov