

U.S. Environmental Protection Agency
Removal Action Information
Skyline Abandoned Uranium Mine (AUM)
July 2011

**Kin Náhálgaideé' Ni'asdzáan Yik'ihdeézíí' Bìl Hazáa
Ni'káagóó Hasht'ééhnééhgi Baahane'
Skyline leetsoh Haagéed Nt'é'éggi
Ya'iishjáashtsoh Naakidimíil dóó bi'aan Ła'ts'áadah Yihah**

The U.S. Environmental Protection Agency (EPA) Region 9 is working to protect residents of Oljato Chapter by cleaning up hazardous waste from the Skyline Abandoned Uranium Mine (AUM).

**Kin Náhálgaideé' Ni'asdzáan Yik'ihdeézíí' Bìl Hazáa (U.S. EPA) Náhást'éi
Hahoodzohdeé' éi' Ooljée'tó Táá Sinilíí kéedahat'ínigi Skyline nahdeé' leetsoh
leezh bìl haagee'hééh leh ní deigeehgo hasht'énálnééh Diné baa hááhasinigi bąąh.**

The waste is left over from the uranium mining that occurred throughout the Navajo Nation from the 1940s to the 1980s.

**Díí leezhígíí' éi leetsoh bìl haageedééh t'ah ba'át'e' hóló t'ah nahdeé' náhást'éi
ts'áadah dóó dízdíin dóó náhást'éi ts'áadah dóó tseebíidíin yihahédąą Diné bikéyah
bikáá'góó hadasgeedígíí' át'é.**

At the Skyline site, uranium mine waste is still located on the edge and at the foot of the mesa.

**Skyline di ha'agéed nt'é'éggi éi t'ahdii leetsoh leezh bìl hadahasgeed yééh
t'áá'ákóóh tsé ní'áhígíí bikáá'di dóó tsé nít's'i'hígíí bitsíídi naazhja'.**

The mine waste is a potential health threat to people who come in contact with it or breathe it.

**Díí leezh leetsoh bìl hadasgeedééh éi t'ahdii bá'át'e' hóló diné bits'is bąąh siljigo dóó
yil íidzíggo.**

The EPA Region 9 Superfund Emergency Response Section is conducting a time-critical removal action to mitigate the health threat posed by uncontrolled uranium mine Waste at the site.

**Kin Náhálgaideé' Ni'asdzáan Yik'ihdeézíí' Bìl Hazáa Náhást'éi Hahoodzohdóó
Superfund Emergency Response Deilyíníishdóó t'áá tsígo t'áadoo bìl hoolzhishí díí
leezh leetsoh bìl haageedééh leeh nídoogél ákó doo t'ó nahgóó ba'át'é nilígíí
naaná'oogohgo' ąąhdahda'oolah dah.**

Location – Bil Hazáadi

The Skyline AUM is located on top of Oljato Mesa, approximately 1.5 miles northwest of Goulding's Lodge in Monument Valley, San Juan County, Utah (longitude: 37 ° 01' 13.99" N, Longitude 110 ° 13' 50.97" W).

Skyline AUM éí Ooljee'tó wolyéego Tsé nít's'i'ígíí bikáadi ts'ídá t'áala'í dóo ná'álníí tsin sitá náhookosji'go' éí Goulding Lodge bil hazánídóo Tsé Bii' Nidzizgai, San Juan bil Hahoodzohígíí bii', Yódah-Utahjí hahoodzohígíí. Ts'ídá kwe'é (Longitude: 37 ° 01' 13.99" N, Longitude 110 ° 13' 50.97" W).

Actions to Date – Ła'daadzahígíí

-With input from the Oljato Chapter, EPA has determined that the most suitable place to safely keep the uranium mine waste is near the former Skyline Mine on top of Oljato Mesa.

-Ooljéetó Diné dóo Táá'Sinilígíí' dóo EPA alhil naalnishgo ts'ídá' bohóneedzánígi leezh leetsoh bil haageed yéé Skyline ha'agéed nt'é'ééghi bánáhodiit'á Ooljéetó tséní'ahígíí bikáa'di báya'áhoot'ééh hwiinidzingo.

-An Interim repository with plastic liner was constructed to create a barrier around the uranium tailing to protect humans and the environment. Repository was completed on May 31, 2011.

-Áłtsé shíí' éí leezh leetsoh bil haageed yééh t'ó biní dooltih diné dóo naaldlooshii bits'ááh. T'áátsoh tádiin lá'góo yolkálgo Naakidimííł dóo bi'aan Ła'ts'áadah yihah bii'di' éí ndtsaago ha'agédígíí naanish áłtso' ályaa doo.

-Residents of home sites near work areas in the valley below the mesa have provided with temporary lodging.

-Da'íníísh bínaagóo dabighanígíí' éí t'ó hónízahíjí' bighan bits'áhwiizáádi nídabiilkááhgo' dó' ályaa áłtso nida'aznishjí'.

-Excavation of mine waste from the slope below the mine opening, the foot of the mesa, and the arroyo drainage away from the mesa.

-Níléí tsé yíchíí' bidah di ha'agéed nt'é'ééh dóo tsétsíí'góo dóo chashk'ehgóó' éí' k'ad leezhígíí t'ááláhíjí' nááhádziid nahgóo kódoonííł biniyé.

Current Activities/Next Steps—Bináada'doonishígíí

-Excavation of the mine waste from the slope below the mine opening continues.

-Leezh leetsoh bil haageedyééh ha'oogeed nt'é'éé' déé' adahjí' adaheezhoozhígíí dó' hanagéed éí k'ad bi'oonish.

-A skyline yarder system is being used to transport mine waste from the valley floor up to the top of the mesa.

-Béesh tsi'áa' beeha'iha'iikahí t'ah nahdédé' beenida'aznishééh nahalingo bee leezh hanáhidoolch'jł wódahjí'.

-Water is being used to control dust from excavation and transport of mine waste.
-Tó chiidoo'H leezh beenáaltlohgo leezh leetsoh bil haageedyeh doo nahgóó nítasazda.

-Air sampling is being conducted around work areas to ensure any radioactive dust in the air and ensure dust control is effective.
--Leezhígíí nida'anish binaagóó' éí ninálkáhdoo níláhgóó bil danítasaz doohígíí.

-Once all the mine waste has been placed in the repository, another plastic liner will be installed over the top.
--Leezh leetsoh bil haageedyeh altosh báhahwiisgeedji' biih náhaská'ó' éí bikáá'dóó tó doo bidéelnínígíí bikáági bil yaanináádoolkal.

Then a soil cap will be placed over the top liner to protect it from the sun and wind.
-Altso bikáá'dóó bil yaaniná' it'á'ó náá bikáá'gi leezh la' bik'ih nináá doodzil ákó shándíín dóó nýol doo ni yil chól da.

-Ares impacted by removal activities will be seeded with native plant species to help restore the land.
-Kéyah bileezh nasgeedéehgóó' éí t'áá'ákqoh tl'oh hóló nígíí k'ééh didoolyéél.

-It is estimated that the project will be completed early September 2011.
-Díí naanish éí Bine'ant'áantsoh Naakidi Dimíl dóó bi'aan La'ts'áadah yihahígíí bii'ji' altsoh ádooníí.

More Information—Bee'éehózinii

EPA will attend the Oljato Chapter Meeting on July 10, to answer questions and provide updates. For specific questions about Skyline AUM cleanup please contact:

EPA shíí Ya'iishjaashtsoh neeznáágóó yol kálgo táá' sinilí alah aleehgo' áádi nihíl dahodoolnih doo na'idíkid nát'á'á' yeeh nihíl nida halne' doo. Skyline Bí'oonishgi na'idólkidgo' éí díí bee' éehózin:

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